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2015 GWMR + WP

05 / 26 / 2015

CORRECTIVE ACTION REPORT AND SITE INVESTIGATION WORK PLAN

Property:

Gallegos #2 Well Tie Pipeline Release (9/18/2014)
NE 1/4, S29 T26N R11W
San Juan County, New Mexico

December 2, 2014
Apex Project No. 7030414G035

Prepared for:

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

Prepared by:

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Senior Project Manager

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Senior Program Manager

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NE 1/4, S29 T26N R11W
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1.0 INTRODUCTION

1.1 Site Description & Background

The Gallegos #2 Well Tie Pipeline Release (9/18/2014) site is located within the Enterprise Field Services LLC (Enterprise) pipeline right-of-way (ROW) in the northeast (NE) ¼ of Section 29 in Township 26 North, Range 11 West in rural San Juan County, New Mexico (36.46020N 108.02147W), referred to hereinafter as the "Site" or "subject Site". The Site is located on Navajo Nation allotted land, and consists of native vegetation rangeland periodically interrupted with oil and gas gathering facilities, including the Enterprise natural gas gathering pipeline which traverses the area from approximately southwest to northeast.

On October 7, 2014, Enterprise initiated excavation activities at the Site in an effort to locate and repair a subsurface leak, which was discovered on September 18, 2014. Three leaks were subsequently identified and repaired along a 40 foot length of the pipeline. Unknown quantities of natural gas and pipeline liquids were released from the pipeline as a result of leaks caused by internal corrosion. The leaks were identified by the detection of natural gas at the ground surface during a vapor survey. No other surface expression was observed in the vicinity of the release.

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

1.2 Project Objective

The primary objective of the corrective actions was 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* using the New Mexico EMNRD OCD's *Guidelines for Remediation of Leaks, Spills and Releases* as guidance.

2.0 SITE RANKING

The site is under the jurisdiction of the Navajo Nation Environmental Protection Agency (NNEPA) and the New Mexico ENMRD OCD. Site activities were performed in accordance with the ENMRD OCD *Guidelines for Remediation of Leaks, Spills and Releases*, in addition to the OCD rules, specifically NMAC 19.15.29 *Remediation Plan*. This guidance establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action.

Apex TITAN, Inc. (Apex) utilized the general site characteristics obtained during completion of corrective action activities and information available from the New Mexico Office of the State Engineer (OSE) to determine the appropriate "ranking" for the Site. The 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	**20**
	200 to 1,000 feet	10	
	>1,000 feet	0	
Total Ranking Score			**40**

Based on Apex's evaluation of the scoring criteria, the Site would have a maximum Total Ranking Score of "40". This ranking is based on the following:

- Groundwater was observed in the pipeline repair excavation at approximately 2.5 feet below grade surface (bgs), resulting in a ranking of "20" for depth to groundwater. No water wells were identified on the OSE website database within one mile of the Site.
- No water sources or wellheads were identified within 1,000 feet of the Site, resulting in a ranking of "0" for proximity to a wellhead protection area.
- The Site is located adjacent to the active channel of the Gallegos Wash, resulting in a ranking of "20" for distance to surface water

3.0 RESPONSE ACTIONS

3.1 Soil Excavation Activities

On October 7, 2014, Enterprise initiated excavation activities at the Site in an effort to locate and repair a subsurface leak. Three leaks were subsequently identified and repaired along a 40 foot length of the pipeline. Unknown quantities of natural gas and pipeline liquids were released from the pipeline as a result of leaks caused by internal corrosion. The leaks were identified by the detection of natural gas at the ground surface during a vapor survey. No other surface expression was observed in the vicinity of the release. During the corrective action activities, West States Energy Contractors provided heavy equipment and labor support, and Kyle Summers and Heather Woods, Apex environmental professionals, provided environmental support.

Confirmation soil samples were collected over the course of several days, as different areas of the excavation became accessible during soil removal and dewatering activities. Confirmation samples C-1 through C-15 were collected from the floors and sidewalls of the excavation to evaluate soils remaining in place. Subsequent analytical results indicated that a portion of the west sidewall still exhibited evidence of hydrocarbon impact (sample C-8). This sidewall was over-excavated on October 14, 2014, and resampled (confirmation sample C-16) to verify the removal of hydrocarbon affected soils.

The lithology encountered during the completion of corrective action activities consisted primarily of unconsolidated sands with variable amounts of silt and clay.

The final excavation measured approximately 380 feet long with variable width and depth, typically six (6) feet wide and four (4) to six (6) feet bgs in depth. The majority of this excavation

was created to proactively replace sections of pipeline that exhibited signs of internal corrosion. The portion of the excavated area affected by the hydrocarbon release measured approximately 41 feet long by 30 feet wide and 8 to 10 feet bgs in depth.

A total of approximately 568 cubic yards of hydrocarbon affected soils were transported to the Envirotech Landfarm near Hilltop, New Mexico for disposal/remediation. Additionally, approximately 585 barrels (bbls) of water were removed from the excavation during dewatering activities and transported to the Basin Disposal, Inc. facility in Bloomfield, New Mexico for disposal. The executed C-138 forms are provided in Appendix B. Composite samples (SP-1 through SP-12) were collected from the remaining soil stockpiles associated with the northern (unaffected) portion of the excavation at an approximate 20 cubic yard sample interval (as requested by the NMOCD) to verify the potential for reuse as backfill material. Subsequent to the laboratory verification that the remaining stockpiled soils were not affected, the excavation was backfilled with clean, imported fill and soils from the remaining unaffected stockpiles.

Figure 3 is a site map that indicates the approximate location of the final excavated area in relation to pertinent land features (Appendix A). Photographic documentation of the field activities is included in Appendix C.

3.2 Soil and Water Sampling Program

Apex screened head-space samples of Site soils with a photoionization detector (PID) fitted with a 10.6 electron volt (eV) lamp to aid in determining the excavation limits.

Apex's soil sampling program included the collection of sixteen (16) confirmation samples (C-1 through C-16) from the resulting excavation for laboratory analysis. Additionally, twelve (12) composite samples (SP-1 through SP-12) were collected from the remaining unaffected stockpiled soils to determine the potential to reuse these soils as excavation backfill. Figure 3 depicts the approximate location of the excavated areas and shows the final confirmation sample locations in relation to the final excavation dimensions (Appendix A).

A water sample (EW-1) was collected from the open excavation and submitted for laboratory analysis, to evaluate potential groundwater impact at the Site.

The confirmation soil and water samples were collected and placed in laboratory prepared glassware, labeled/sealed using the laboratory supplied labels, and placed on ice in coolers, which were secured with custody seals. The sample coolers and completed chain-of-custody form were relinquished to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico for analysis.

3.3 Laboratory Analytical Methods

The confirmation and stockpile soil samples were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using Environmental Protection Agency (EPA) SW-846 Method #8021, and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) using EPA SW-846 Method #8015. Additionally, at the request of the NMOCD, the stockpile composite samples were analyzed for chloride using EPA Method 300.0.

The excavation water sample was analyzed for BTEX using EPA SW-846 #8021, anions using EPA Method 300.0, and cations using EPA Method 200.7.

Laboratory results are summarized in Tables 1A, 1B, and 2A through 2C, included in Appendix D. The executed chain-of-custody form and laboratory data sheets are provided in Appendix E.

4.0 DATA EVALUATION

The Site is subject to regulatory oversight by the NNEPA. Due to the absence of published NNEPA regulatory guidance with respect to unrefined oil and gas releases, Apex referred to the New Mexico EMNRD OCD guidance and rules. 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.

4.1 Soil Samples

Apex compared the BTEX and TPH concentrations or reporting limits (RLs) associated with the final confirmation and stockpile samples for soils remaining at the Site to the OCD *Remediation Action Levels* for sites having a total ranking score of "40". Soils associated with confirmation sample C-8 were removed by over-excavation and are not included in the following discussion.

- The laboratory analyses of the confirmation samples collected from soils remaining in place indicate benzene concentrations ranging from below laboratory reporting limits to 0.33 milligrams per kilogram (mg/kg), which are below the OCD *Remediation Action Level.*

- The laboratory analyses of the confirmation samples collected from soils remaining in place indicate total BTEX concentrations ranging from below laboratory reporting limits to 6.7 mg/kg, which are below the OCD *Remediation Action Level.*

- The laboratory analyses of the confirmation samples collected from soils remaining in place indicate combined TPH GRO/DRO concentrations ranging from below the laboratory reporting limits to 74 mg/Kg, which are below the OCD *Remediation Action Level.*

The laboratory analyses of the stockpile samples identified chloride concentrations ranging from 4.6 mg/kg to 12 mg/kg. Chloride does not have an established OCD *Remediation Action Level.* Confirmation sample results are provided in Tables 1A and 1B in Appendix D.

4.2 Water Sample

Apex compared the BTEX constituent concentrations or reporting limits (RLs) associated with the excavation water sample collected from the main excavation area to the New Mexico Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs).

- The laboratory analyses of the excavation water sample (EW-1) indicates a benzene concentration of 1,400 micrograms per liter (µg/L), which is above the WQCC GQS of 10 µg/L.

- The laboratory analyses of EW-1 indicates a toluene concentration of 6,300 µg/L, which is above the WQCC GQS of 750 µg/L.

- The laboratory analyses of EW-1 indicates an ethylbenzene concentration of 870 µg/L, which is above the WQCC GQS of 750 µg/L.

- The laboratory analyses of EW-1 indicates a total xylenes concentration of 11,000 µg/L, which above the WQCC GQS of 620 µg/L.

In addition to the analysis for BTEX, the NMOCD requested that the excavation water sample be analyzed for anions/cations.

- The laboratory analyses of EW-1 indicates fluoride, nitrogen (nitrate), and sulfate concentrations below the laboratory reporting limits, which are below the WQCC GQS of 1.6 milligrams per liter (mg/L) fluoride, 10.0 mg/L nitrogen (nitrate), and 600 mg/L sulfate. Laboratory analyses of EW-1 also indicates nitrogen (nitrite), bromide, and phosphorus (orthophosphate) concentrations below the laboratory reporting limits, for which no WQCC GQSs have been established. The laboratory analyses of EW indicates a chloride concentration of 94 mg/L, which is below the WQCC GQS of 250 mg/L for domestic water supplies.

- Laboratory analyses of EW-1 also identified cation concentrations of 100 mg/L calcium, 34 mg/L magnesium, 22 mg/L potassium, and 580 mg/L sodium. No WQCC GQSs have been established for these cations.

Sample results are provided in Tables 2A through 2C in Appendix D.

It should be noted that due to the "mixing/blending" nature of excavation activities, as well as the characteristics of the native media comprising the local aquifer and vadose zone, open excavation water sample analyses are sometimes not indicative of the actual groundwater constituent concentrations in the area.

5.0 FINDINGS AND RECOMMENDATIONS

The Gallegos #2 Well Tie Pipeline Release (9/18/2014) site is located within the Enterprise pipeline ROW in the NE ¼ of Section 29 in Township 26 North, Range 11 West in rural San Juan County, New Mexico (36.46020N 108.02147W). The Site is located on Navajo Nation allotted land, and consists of native vegetation rangeland periodically interrupted with oil and gas gathering facilities, including the Enterprise natural gas gathering pipeline which traverses the area from approximately southwest to northeast.

On October 7, 2014, Enterprise initiated excavation activities at the Site in an effort to locate and repair a subsurface leak. Three leaks were subsequently identified and repaired along a 40 foot length of the pipeline. Unknown quantities of natural gas and pipeline liquids were released from the pipeline as a result of leaks caused by internal corrosion. The leaks were identified by the detection of natural gas at the ground surface during a vapor survey. No other surface expression was observed in the vicinity of the release.

- The primary objective of the corrective actions was to reduce the concentration of COCs in the on-Site soils to below the New Mexico EMNRD OCD *Remediation Action Levels* using the New Mexico EMNRD OCD's *Guidelines for Remediation of Leaks, Spills and Releases* as guidance.

- The final excavation measured approximately 380 feet long with variable width and depth, typically 6 feet wide and 4 to 6 feet bgs in depth. The majority of this excavation was created to proactively replace sections of pipeline that exhibited signs of internal corrosion. The portion of the excavated area affected by the hydrocarbon release measured approximately 41 feet long by 30 feet wide and 8 to 10 feet bgs in depth.

- Groundwater was encountered during the corrective action excavation activities. A water sample was collected from the open excavation and submitted for laboratory analyses.

- **The laboratory analysis of the excavation water sample indicates a benzene concentration of 1,400 µg/L, which exceeds the WQCC GQS of 10 µg/L.**

- **The laboratory analysis of the excavation water sample indicates a toluene concentration of 6,300 µg/L, which exceeds the WQCC GQS of 750 µg/L.**

- **The laboratory analysis of the excavation water sample indicates an ethylbenzene concentration of 870 µg/L, which exceeds the WQCC GQS of 750 µg/L.**

- **The laboratory analysis of the excavation water sample indicates a total xylene concentration of 11,000 µg/L, which exceeds the WQCC GQS of 620 µg/L.**

- Prior to backfilling, final confirmation samples were collected from the resulting excavation for laboratory analyses. Based on analytical results, soils remaining in place do not exhibit COC concentrations above the OCD *Remediation Action Levels* for a Site ranking of "40".

- A total of approximately 568 cubic yards of hydrocarbon affected soils were transported to the Envirotech Landfarm near Hilltop, New Mexico for disposal/remediation. Additionally, approximately 585 barrels (bbls) were removed from the excavation during dewatering activities and transported to the Basin Disposal, Inc. facility in Bloomfield, New Mexico for disposal. The excavation was backfilled with clean imported fill and stockpiled soils not impacted by COCs above applicable OCD *Remediation Action Levels* based on laboratory analytical results. The area was then contoured to the surrounding grade.

Based on the laboratory analytical, no further action appears warranted regarding soil impact at the Site, however, groundwater may be affected by the petroleum hydrocarbon release.

6.0 STANDARD OF CARE, LIMITATIONS, AND RELIANCE

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

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

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is

prohibited without the expressed written authorization of Enterprise and Apex. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, the report, and Apex's Agreement. The limitation of liability defined in the agreement is the aggregate limit of Apex's liability to the client.

7.0 SITE INVESTIGATION WORK PLAN

7.1 Objective

The primary objective of the proposed site investigation is to evaluate potential COC concentrations in groundwater with respect to the WQCC *Groundwater Quality Standards*.

The scope of work at the Site will include the advancement of eight (8) soil borings which will be completed as temporary monitoring wells. The borings will be advanced to a depth of approximately ten (10) feet bgs, three to four feet below the initial groundwater table elevation, or equipment refusal, whichever is more shallow, to evaluate the presence, magnitude and/or extent of dissolved-phase COCs.

7.2 Health and Safety Plan

Apex will develop a site specific Health and Safety Plan (HSP) for the performance of the corrective actions described herein. For the purposes of the HSP, it is assumed that the COCs include petroleum hydrocarbons. It is assumed that the scope of services can be conducted under modified Level D personal protective equipment (PPE), which will include a hard hat, steel-toed boots, protective eyewear, and gloves. Should the need arise to upgrade PPE (e.g. respiratory protection), the client will be notified, and the HSP will be modified accordingly.

Apex will ensure that utilities are cleared through the New Mexico One Call System and will coordinate with the utility companies as necessary to ensure the safe completion of site activities.

7.3 Soil Boring Installation

Eight (8) soil borings will be advanced and completed as temporary monitoring wells utilizing a direct push Geoprobe® drilling rig. The soil borings will be placed in selected locations to further evaluate potential petroleum hydrocarbon soil and groundwater impacts. The soil borings will be advanced to a depth of approximately ten (10) feet bgs, three to four feet below the initial groundwater table elevation, or equipment refusal, whichever is more shallow. Figure 4 is a site map that indicates the approximate locations of the proposed temporary monitoring wells (Appendix A).

Non-disposable sampling and drilling equipment will be decontaminated using an Alconox® wash and potable water rinse prior to commencement of the project and between the advancement of each soil boring.

Soil samples will be collected continuously using core barrels or split spoon samplers to document lithology, color, relative moisture content and visual or olfactory evidence of impairment. In addition, the samples will be scanned with a PID for the presence of volatile organic compounds (VOCs).

7.4 Temporary Monitoring Well Installation

Subsequent to advancement, the soil borings will be completed as temporary groundwater monitoring wells to evaluate the initial groundwater-bearing unit. The temporary monitoring wells will be completed as follows:

- Temporary installation of 5 to 10 feet of 1-inch diameter, machine slotted schedule 40 PVC well screen assembly with a threaded bottom plug;
- Installation of schedule 40 riser pipe to surface; and
- Graded silica sand for annular sand pack around the well screen from the bottom of the well to one foot above the groundwater level, if needed.

The temporary monitoring wells will be developed by surging and removing groundwater until the fluid appears relatively free of fine-grained sediment. Groundwater samples will be collected following development and monitoring well recovery utilizing low-flow sampling techniques. The temporary wells will be removed upon the completion of sampling and the boreholes backfilled with bentonite to the surface.

7.5 Soil Sampling Program

Up to two (2) soil samples will be collected from each soil boring from one or more of the following locations:

- The depth interval exhibiting the highest concentration of VOCs based on PID evidence;
- An interval exhibiting visual/olfactory evidence of impairment;
- The capillary fringe zone;
- From a change in lithology; or
- From the bottom of the boring.

The soil samples will be collected in laboratory prepared glassware and placed on ice in a cooler, which will be secured with a custody seal. The samples will be transported to Hall along with a completed chain-of-custody form.

7.6 Soil Laboratory Analytical Program

Selected soil samples will be analyzed for TPH GRO/DRO utilizing EPA SW-846 Method 8015 and BTEX utilizing EPA SW-846 Method 8021.

A summary of the analysis, sample type, and EPA-approved methods is presented in the following table:

Analysis	Sample Type	No. of Samples	EPA Method
TPH GRO/DRO	Soil	8-16	SW-846 8015
BTEX	Soil	8-16	SW-846 8021

7.7 Groundwater Sampling Program

Prior to sampling, fluid levels in each of the temporary monitoring wells will be gauged utilizing an interface probe capable of detecting non aqueous phase liquid (NAPL).

Apex will collect one (1) groundwater sample from each of the eight (8) temporary monitoring wells, utilizing low-flow sampling methods, to evaluate the potential magnitude and extent of COCs identified in association with the on-site groundwater.

Low-flow refers to the velocity with which groundwater enters the pump intake and that is imparted to the formation pore water in the immediate vicinity of the well screen. It does not necessarily refer to the flow rate of water discharged at the surface which can be affected by flow regulators or restrictions. Water level drawdown provides the best indication of the stress imparted by a given flow-rate for a given hydrological situation. The objective is to pump in a manner that minimizes stress (drawdown) to the system to the extent practical taking into account established site sampling objectives. Flow rates on the order of 0.1 to 0.5 liters per minute (L/min) will be maintained during the sampling activities using dedicated sampling equipment.

The utilization of low-flow minimal drawdown techniques enables the isolation of the screened interval groundwater from the overlying stagnant casing water. The pump intake is placed within the screened interval such that the groundwater pumped is drawn in directly from the formation with little mixing of casing water or disturbance to the sampling zone.

Disposable tubing will be utilized during the low-flow sampling activities and are typically discarded after a single use. In the event that tubing reuse was ever required, the tubing would be washed in the same manner as the pump itself, with an Alconox® soap solution and then rinsed with clean water prior to re-use.

The temporary monitoring wells will be purged until produced groundwater is consistent in color, clarity, pH, temperature and conductivity. The general goal for stabilization of the monitored groundwater parameters of pH, temperature, and conductivity is three (3) consecutive readings at five (5) minute intervals that demonstrate less than 10% variation.

The groundwater samples will be collected in laboratory prepared glassware and placed on ice in a cooler, which will be secured with a custody seal. The samples will be transported to Hall along with a completed chain-of-custody form.

7.8 Groundwater Laboratory Analytical Program

The groundwater samples will be analyzed BTEX utilizing EPA SW-846 Method 8021.

A summary of the analysis, sample type, and EPA-approved methods is presented below:

Analysis	Sample Type	No. of Samples	EPA Method
BTEX	Groundwater	8	SW-846 8021

7.9 Plugging & Abandonment of Temporary Monitoring Wells

The temporary monitoring wells will be plugged and abandoned by removing the casings and screens, and backfilling the boreholes with bentonite pellets. Water will be added to the plugged boreholes to hydrate the bentonite, sealing the annulus.

8.0 SITE INVESTIGATION REPORT

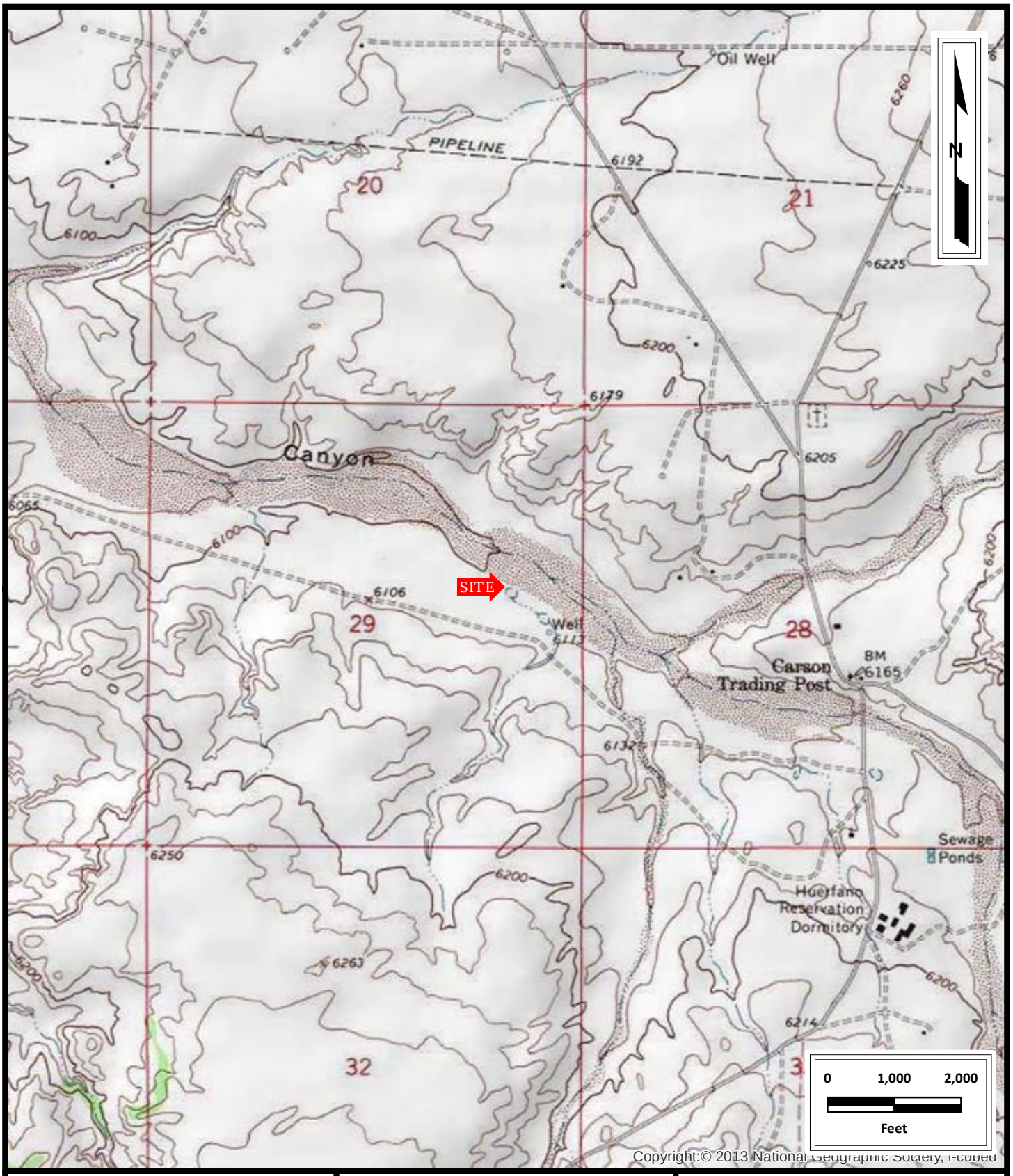
Upon completion of the site investigation activities, a final report will be prepared that will include documentation of field activities, a site plan detailing pertinent site features, logs of subsurface exploration, laboratory analytical results, an evaluation of sampling results, and recommendations concerning further action.

9.0 PROJECT SCHEDULE

The completion of the proposed site investigation activities will require an estimated two (2) days for temporary monitoring well installation and development, one (1) day to sample the monitoring wells, and one (1) day to plug and abandon the temporary monitoring wells.

APPENDIX A

Figures

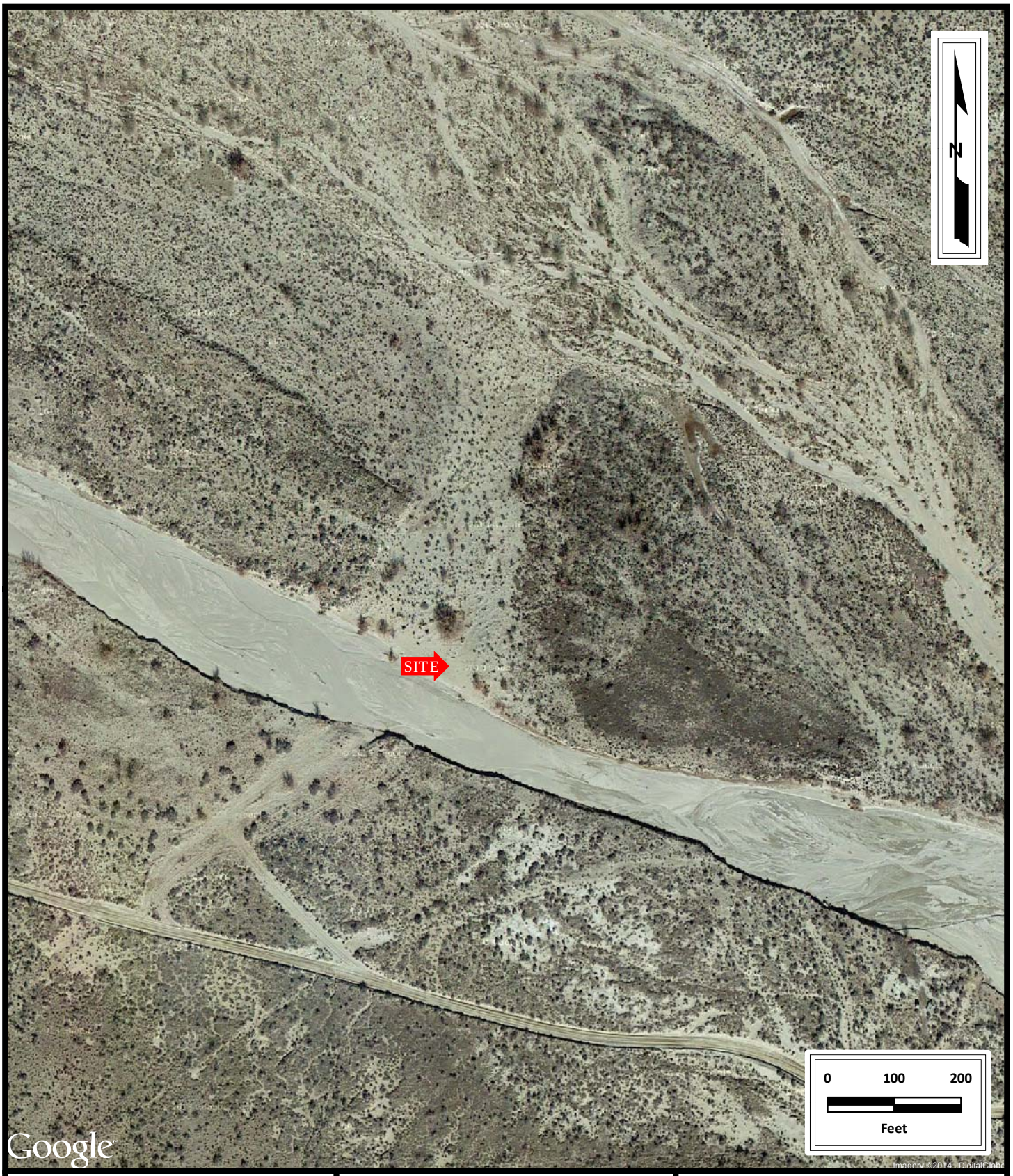


Gallegos #2 Well Tie
Pipeline Release (9/18/2014)
Rural San Juan County
36.46020N, 108.02147W
NE ¼ Sec 29 T26N R11W

Apex Project # 7030414G035

Apex TITAN, Inc.
606 S. Rio Grande, Suite A
Aztec, New Mexico 87410
Phone: (505) 334-5200
www.apexcos.com
A Subsidiary of Apex Companies, LLC

FIGURE 1
Topographic Map
Carson Trading Post, NM Quad.
1978

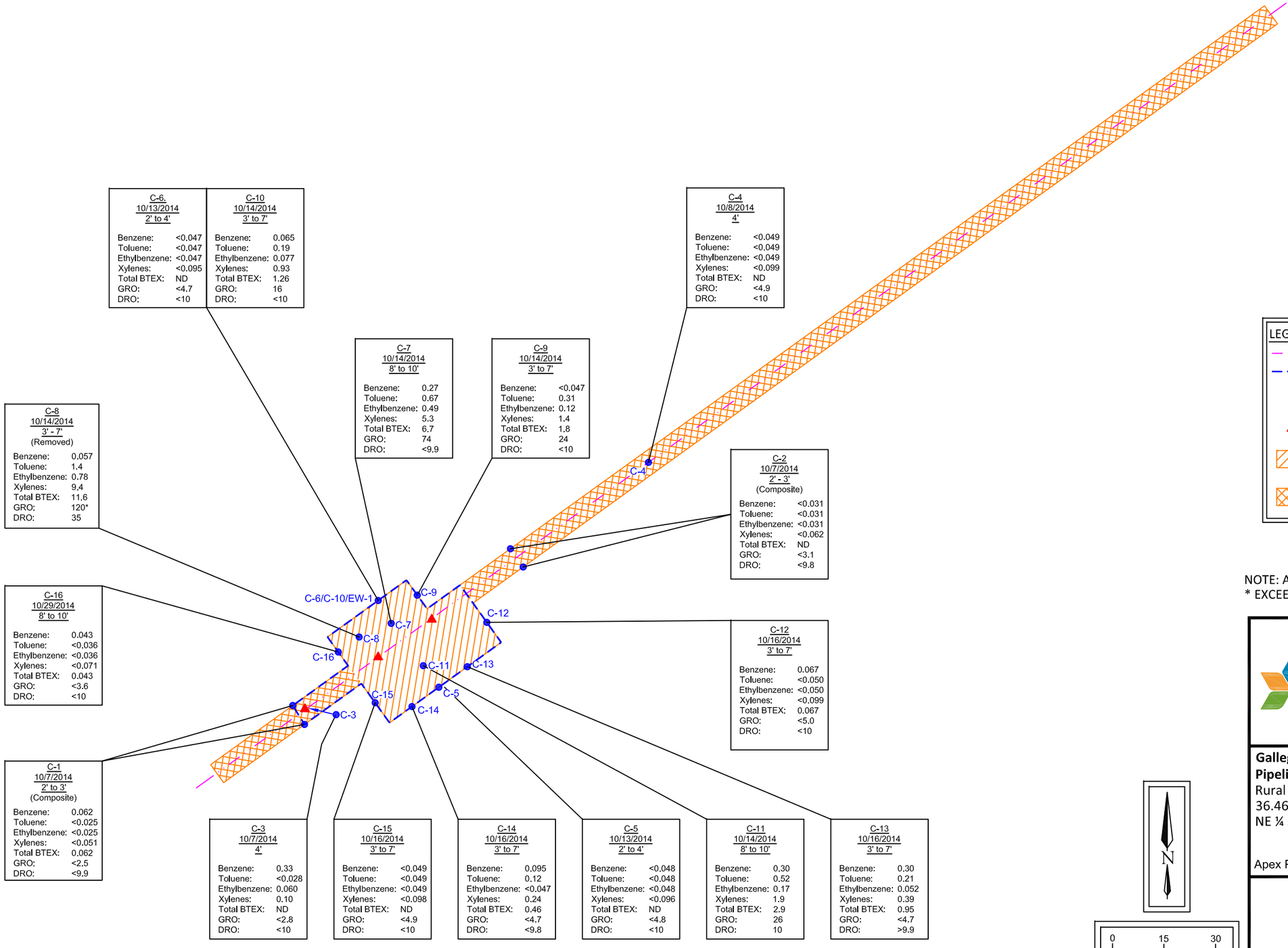


Gallegos #2 Well Tie
Pipeline Release (9/18/2014)
Rural San Juan County
36.46020N, 108.02147W
NE ¼ Sec 29 T26N R11W

Apex Project # 7030414G035

Apex TITAN, Inc.
606 S. Rio Grande, Suite A
Aztec, New Mexico 87410
Phone: (505) 334-5200
www.apexcos.com
A Subsidiary of Apex Companies, LLC

FIGURE 2
Site Vicinity Map
November 2013 Aerial Photograph
Source: Google Earth



NOTE: ALL VALUES ARE REPORTED IN mg/kg.
* EXCEEDS NMOCD ACTION LEVELS

Apex TITAN, Inc.
606 S. Rio Grande, Suite A
Aztec, New Mexico 87410
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Gallegos #2 Well Tie
Pipeline Release (9/18/2014)
Rural San Juan County
36.46020N, 108.02147W
NE ¼ Sec 29 T26N R11W

Apex Project # 7030414G035

FIGURE 3
Site Map with Sample Locations

Figure 3.dwg

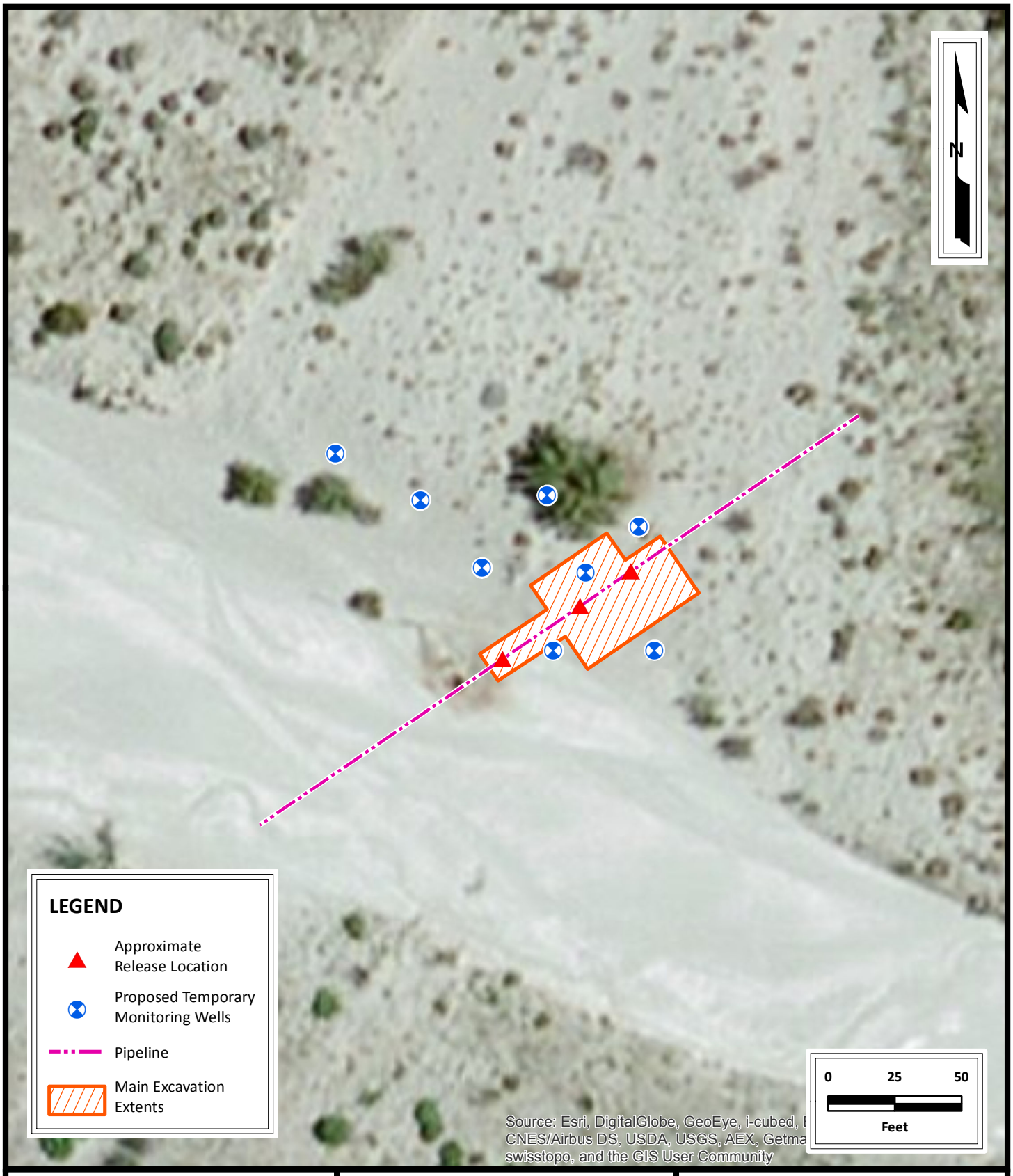

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FIGURE 4
Proposed Temporary Monitoring Well Locations
November 2013 Aerial Photograph
Source: Google Earth

APPENDIX B

Executed C-138 Solid Waste Acceptance Forms

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

97057-0664

Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

2. Originating Site: Gallegos #2 Well Tie Oct. 2014

3. Location of Material (Street Address, City, State or ULSTR):
Unit Letter H Section 29 T 26N R 11W; 36.46020, -108.02147, San Juan County, NM

4. Source and Description of Waste:
Source: Natural Gas Pipeline Release
Description: Exempt petroleum affected soil from clean-up efforts at pipeline release.
Estimated Volume 50 (yd³) bbls Known Volume (to be entered by the operator at the end of the haul) 568 (yd³) bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long, representative or authorized agent for Enterprise Field Services, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. ***Operator Use Only: Waste Acceptance Frequency*** ☐ ***Monthly*** ☐ ***Weekly*** ☒ ***Per Load***

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☒ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long, 10-7-14, representative for Enterprise Field Services, LLC. authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, [signature], representative for Envirotech do hereby certify that
Representative/Agent Signature
representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: Various transporters on the OCD approved haulers list. Foutz & Bursom, Moss, Four States, Paul & Son

OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: **Envirotech, Inc. Soil Remediation Facility * Permit #: NM 01-0011**
Address of Facility: **Hilltop, NM**

Method of Treatment and/or Disposal:
☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Environmental Manager DATE: 10/14/14
SIGNATURE: [signature] TELEPHONE NO.: 505-632-0615
Surface Waste Management Facility Authorized Agent

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

2. Originating Site: Gallegos #2 Well Tie

3. Location of Material (Street Address, City, State or ULSTR):
Unit Letter H Section 29 T 26N R 11W; 36.46020, -108.02147, San Juan County, NM

4. Source and Description of Waste:
Source: Natural Gas Pipeline Release
Description: Exempt petroleum affected soil from clean-up efforts at pipeline release.
Estimated Volume 100 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 565 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long, representative or authorized agent for Enterprise Field Services, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. ***Operator Use Only: Waste Acceptance Frequency*** ☐ ***Monthly*** ☐ ***Weekly*** ☒ ***Per Load***

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☒ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long 10-7-14, representative for _____ authorize Basin Disposal, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, _____, representative for _____ do hereby certify that
Representative/Agent Signature
representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: Various transporters on the OCD approved haulers list.

OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: **Basin Disposal, Inc. * Permit #: NM1-005**
Address of Facility: **200 Montana Bloomfield, NM**

Method of Treatment and/or Disposal:
☒ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☐ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: John Valverde TITLE: Env Mgr - NS DATE: 11/24/14
SIGNATURE: _____ TELEPHONE NO.: 505-632-8936
Surface Waste Management Facility Authorized Agent

APPENDIX C

Photographic Documentation

Photograph 1 View of the excavation facing north-east.	
Photograph 2 View of the hydrocarbon affected release excavation facing southwest.	
Photograph 3 View of the hydrocarbon affected release excavation facing east.	

Photograph 4 View of the hydrocarbon affected release excavation facing northwest.	

APPENDIX D

Tables

TABLE 1A

Gallegos #2 Well Tie Pipeline Release

SOIL ANALYTICAL SUMMARY - EXCAVATION CONFIRMATION SAMPLES

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 Entergy, Mineral & Natural Resources Department, Oil Conservation Division, Remediation Action Level			**10**	**NE**	**NE**	**NE**	**50**	**100**	
Sample Removed by Excavation									
C-8	10/14/2014	3 to 7	0.057	1.4	0.78	9.4	11.6	**120**	**35**
Excavation Confirmation Samples									
C-1	10/7/2014	2 to 3	0.062	<0.025	<0.025	<0.051	0.062	<2.5	<9.9
C-2	10/7/2014	2 to 3	<0.031	<0.031	<0.031	<0.062	ND	<3.1	<9.8
C-3	10/7/2014	4	0.33	<0.028	0.060	0.10	0.49	<2.8	<10
C-4	10/8/2014	4	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<10
C-5	10/13/2014	2 to 4	<0.048	<0.048	<0.048	<0.096	ND	<4.8	<10
C-6	10/13/2014	2 to 4	<0.047	<0.047	<0.047	<0.095	ND	<4.7	<10
C-7	10/14/2014	8 to 10	0.27	0.67	0.49	5.3	6.7	74	<9.9
C-9	10/14/2014	3 to 7	<0.047	0.31	0.12	1.4	1.8	24	<10
C-10	10/14/2014	3 to 7	0.065	0.19	0.077	0.93	1.26	16	<10
C-11	10/14/2014	8 to 10	0.30	0.52	0.17	1.9	2.9	26	10
C-12	10/16/2014	3 to 7	0.067	<0.050	<0.050	<0.099	0.067	<5.0	<10
C-13	10/16/2014	3 to 7	0.30	0.21	0.052	0.39	0.95	<4.7	<9.9
C-14	10/16/2014	3 to 7	0.095	0.12	<0.047	0.24	0.46	<4.7	<9.8
C-15	10/16/2014	3 to 7	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10
C-16	10/29/2014	8 to 10	0.043	<0.036	<0.036	<0.071	0.043	<3.6	<10

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

NE = Not Established

ND = Not Detected above Laboratory Reporting Limits

TABLE 1B
Gallegos #2 Well Tie Pipeline Release
SOIL ANALYTICAL SUMMARY - STOCKPILE CONFIRMATION SAMPLES

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)	Chloride (mg/kg)
New Mexico Entergy, Mineral & Natural Resources Department, Oil Conservation Division, Remediation Action Level			**10**	**NE**	**NE**	**NE**	**50**	**100**		**NE**
Stockpile Confirmation Samples										
SP-1	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10	12
SP-2	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<9.9	9.2
SP-3	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<9.9	11
SP-4	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.097	ND	<4.9	<10	10
SP-5	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<10	11
SP-6	10/13/2014	Stockpile	<0.048	<0.048	<0.048	<0.095	ND	<4.8	<9.9	7.2
SP-7	10/13/2014	Stockpile	<0.048	<0.048	<0.048	<0.097	ND	<4.8	<10	12
SP-8	10/13/2014	Stockpile	<0.047	<0.047	<0.047	<0.094	ND	<4.7	<10	8.2
SP-9	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<9.8	5.5
SP-10	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.099	ND	<4.9	<9.9	17
SP-11	10/13/2014	Stockpile	<0.048	<0.048	<0.048	<0.096	ND	<4.8	<9.9	8.0
SP-12	10/13/2014	Stockpile	<0.049	<0.049	<0.049	<0.098	ND	<4.9	<10	4.6

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

NE = Not Established

ND = Not Detected above Laboratory Reporting Limits

TABLE 2A

Gallegos #2 Well Tie Pipeline Release

EXCAVATION WATER ANALYTICAL SUMMARY - BTEX

Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
New Mexico Water Quality Control Commision Groundwater Quality Standards		**10**	**750**	**750**	**620**
Excavation Water Sample					
EW-1	10/16/2014	**1,400**	**6,300**	**870**	**11,000**

Note: Concentrations in **bold** and yellow exceed the applicable WQCC Groundwater Quality Standards

NE = Not Established

NA = Not Analyzed

TABLE 2B

Gallegos #2 Well Tie Pipeline Release

EXCAVATION WATER ANALYTICAL SUMMARY - ANIONS

Sample I.D.	Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrogen, Nitrite (As N) (mg/L)	Bromide (mg/L)	Nitrogen, Nitrate (As N) (mg/L)	Phosphorus, Orthophosphate (As P) (mg/L)	Sulfate (mg/L)
New Mexico Water Quality Control Commision Groundwater Quality Standards		**1.6**	**250***	**NE**	**NE**	**10.0**	**NE**	**600***
Excavation Water Sample								
EW-1	10/16/2014	<0.50	94	<0.50	<0.50	<0.50	<2.5	<2.5

Note: Concentrations in **bold** and yellow exceed the applicable WQCC Groundwater Quality Standards

*Standard for Domestic Water Supply

NE = Not Established

NA = Not Analyzed

TABLE 2C

Gallegos #2 Well Tie Pipeline Release

EXCAVATION WATER ANALYTICAL SUMMARY - CATIONS

Sample I.D.	Date	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)
New Mexico Water Quality Control Commision Groundwater Quality Standards		**NE**	**NE**	**NE**	**NE**
Excavation Water Sample					
EW-1	10/16/2014	100	34	22	580

Note: Concentrations in **bold** and yellow exceed the applicable WQCC Groundwater Quality Standards

NE = Not Established

NA = Not Analyzed

APPENDIX E

Laboratory Data Reports & Chain-of-Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 09, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Enterprise Gallegos #2 OrderNo.: 1410348

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 3 sample(s) on 10/8/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: C-1
Project: Enterprise Gallegos #2
Collection Date: 10/7/2014 1:40:00 PM
Lab ID: 1410348-001
Matrix: MEOH (SOIL)
Received Date: 10/8/2014 6:50:00 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	10/8/2014 9:31:09 AM	15769
Surr: DNOP	93.0	57.9-140		%REC	1	10/8/2014 9:31:09 AM	15769
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	2.5		mg/Kg	1	10/8/2014 10:35:49 AM	R21746
Surr: BFB	91.2	80-120		%REC	1	10/8/2014 10:35:49 AM	R21746
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.062	0.025		mg/Kg	1	10/8/2014 10:35:49 AM	R21746
Toluene	ND	0.025		mg/Kg	1	10/8/2014 10:35:49 AM	R21746
Ethylbenzene	ND	0.025		mg/Kg	1	10/8/2014 10:35:49 AM	R21746
Xylenes, Total	ND	0.051		mg/Kg	1	10/8/2014 10:35:49 AM	R21746
Surr: 4-Bromofluorobenzene	95.1	80-120		%REC	1	10/8/2014 10:35:49 AM	R21746

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: C-2
Project: Enterprise Gallegos #2
Collection Date: 10/7/2014 1:50:00 PM
Lab ID: 1410348-002
Matrix: MEOH (SOIL)
Received Date: 10/8/2014 6:50:00 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	10/8/2014 10:00:51 AM	15769
Surr: DNOP	93.6	57.9-140		%REC	1	10/8/2014 10:00:51 AM	15769
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.1		mg/Kg	1	10/8/2014 11:04:27 AM	R21746
Surr: BFB	90.7	80-120		%REC	1	10/8/2014 11:04:27 AM	R21746
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.031		mg/Kg	1	10/8/2014 11:04:27 AM	R21746
Toluene	ND	0.031		mg/Kg	1	10/8/2014 11:04:27 AM	R21746
Ethylbenzene	ND	0.031		mg/Kg	1	10/8/2014 11:04:27 AM	R21746
Xylenes, Total	ND	0.062		mg/Kg	1	10/8/2014 11:04:27 AM	R21746
Surr: 4-Bromofluorobenzene	93.6	80-120		%REC	1	10/8/2014 11:04:27 AM	R21746

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: C-3
Project: Enterprise Gallegos #2
Collection Date: 10/7/2014 2:00:00 PM
Lab ID: 1410348-003
Matrix: MEOH (SOIL)
Received Date: 10/8/2014 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/8/2014 9:47:50 AM	15769
Surr: DNOP	77.7	57.9-140		%REC	1	10/8/2014 9:47:50 AM	15769
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	2.8		mg/Kg	1	10/8/2014 11:32:59 AM	R21746
Surr: BFB	91.6	80-120		%REC	1	10/8/2014 11:32:59 AM	R21746
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.33	0.028		mg/Kg	1	10/8/2014 11:32:59 AM	R21746
Toluene	ND	0.028		mg/Kg	1	10/8/2014 11:32:59 AM	R21746
Ethylbenzene	0.060	0.028		mg/Kg	1	10/8/2014 11:32:59 AM	R21746
Xylenes, Total	0.10	0.056		mg/Kg	1	10/8/2014 11:32:59 AM	R21746
Surr: 4-Bromofluorobenzene	94.5	80-120		%REC	1	10/8/2014 11:32:59 AM	R21746

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#: **1410348**

09-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15769**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**15769**		RunNo:	**21735**				
Prep Date:	**10/7/2014**	Analysis Date:	**10/8/2014**		SeqNo:	**638274**	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	8.0		10.00		80.2	57.9	140			

Sample ID	**LCS-15769**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**15769**		RunNo:	**21735**				
Prep Date:	**10/7/2014**	Analysis Date:	**10/8/2014**		SeqNo:	**638381**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	128	68.6	130			
Surr: DNOP	3.4		5.000		67.0	57.9	140			

Sample ID	**MB-15738**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**15738**		RunNo:	**21737**				
Prep Date:	**10/6/2014**	Analysis Date:	**10/8/2014**		SeqNo:	**638953**	Units:	**%REC**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.2		10.00		92.2	57.9	140			

Sample ID	**LCS-15738**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**15738**		RunNo:	**21737**				
Prep Date:	**10/6/2014**	Analysis Date:	**10/8/2014**		SeqNo:	**638954**	Units:	**%REC**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		89.1	57.9	140			

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#: **1410348**

09-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15757 MK**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**R21746**		RunNo:	**21746**				
Prep Date:		Analysis Date:	**10/8/2014**		SeqNo:	**638774**	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	900		1000		89.8	80	120			

Sample ID	**LCS-15757 MK**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**R21746**		RunNo:	**21746**				
Prep Date:		Analysis Date:	**10/8/2014**		SeqNo:	**638775**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	65.8	139			
Surr: BFB	990		1000		99.2	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#: **1410348**

09-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15757 MK**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**R21746**	RunNo:	**21746**					
Prep Date:		Analysis Date:	**10/8/2014**	SeqNo:	**638804**	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	0.94		1.000		93.7	80	120			

Sample ID	**LCS-15757 MK**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**R21746**	RunNo:	**21746**					
Prep Date:		Analysis Date:	**10/8/2014**	SeqNo:	**638805**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.050	1.000	0	93.9	80	120			
Toluene	0.94	0.050	1.000	0	94.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **APEX AZTEC** Work Order Number: **1410348** RcptNo: **1**

Received by/date: 10/08/14

Logged By: **Lindsay Mangin** **10/8/2014 6:50:00 AM**

Completed By: **Lindsay Mangin** **10/8/2014 7:31:58 AM**

Reviewed By: CS 10/08/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.7	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location Aztec, NM

Project Manager Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct Bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.7

1	2	3	4	5

Page ____ of ____

Sampler's Name: Heather Woods

Sampler's Signature: Heather M. Woods

Proj. No.: 7030414G035

Project Name: Enterprise Gallegos #2

No/Type of Containers: MeOH Kit / 4 oz

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Lab Sample ID (Lab Use Only)
S	10/7/14	1340			C-1						1	1	X	X	1410348-001
S	10/7/14	1350			C-2						1	1	X	X	-002
S	10/7/14	1400			C-3						1	1	X	X	-003

NFS HW

Turn around time: ☐ Normal ☐ 25% Rush ☐ 50% Rush ☒ 100% Rush Same Day - Results by 3:00 pm 10/8/14

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heather M. Woods	10/7/14	1815	Mistie Wells	10/7/14	1815
Mistie Wells	10/7/14	1945		10/08/14	0650

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

WO # 878837
Paykey RB21200

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 MeOH Kit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 20, 2014

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

RE: Gallegos #2 OrderNo.: 1410601

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/14/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1410601**
Date Reported: **10/20/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: C-4
Project: Gallegos #2
Collection Date: 10/8/2014 11:20:00 AM
Lab ID: 1410601-001
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/14/2014 12:15:40 PM	15880
Surr: DNOP	96.8	57.9-140		%REC	1	10/14/2014 12:15:40 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 10:33:56 PM	15883
Surr: BFB	91.1	80-120		%REC	1	10/15/2014 10:33:56 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 10:33:56 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 10:33:56 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 10:33:56 PM	15883
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2014 10:33:56 PM	15883
Surr: 4-Bromofluorobenzene	90.9	80-120		%REC	1	10/15/2014 10:33:56 PM	15883

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410601**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15880**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**15880**		RunNo:	**21866**				
Prep Date:	**10/14/2014**	Analysis Date:	**10/14/2014**		SeqNo:	**643143**	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	9.6		10.00		96.2	57.9	140			

Sample ID	**LCS-15880**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**15880**		RunNo:	**21866**				
Prep Date:	**10/14/2014**	Analysis Date:	**10/14/2014**		SeqNo:	**643147**	Units:	**mg/Kg**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.2	68.6	130			
Surr: DNOP	4.8		5.000		95.3	57.9	140			

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#: **1410601**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644456**	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	900		1000		90.2	80	120			

Sample ID	**LCS-15883**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644457**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	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#: **1410601**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644540**	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	0.94		1.000		93.6	80	120			

Sample ID	**LCS-15883**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644541**	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	96.2	80	120			
Toluene	0.95	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410601 | RcptNo: 1

Received by/date: LM 10/14/14

Logged By: **Michelle Garcia** 10/14/2014 7:00:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 10/14/2014 8:51:16 AM Michelle Garcia

Reviewed By: CS 10/14/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location Aztec, NM

Project Manager Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct Bill to Enterprise

Sampler's Name: Kyle Summers

Sampler's Signature:

Proj. No.: 703041460 35.001

Project Name: Gallegos #2

No/Type of Containers: 4-oz

Lab use only
Due Date:

Temp. of coolers when received (C°): 1, 2

1	2	3	4	5

Page ____ of ____

ANALYSIS REQUESTED

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Lab Sample ID (Lab Use Only)
S	10/8/14	1120			C-4						1		X	X	1410601-001

NFS

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
	10/9/14	1300	Christine Walters	10/10/14	1300
Relinquished by (Signature) Christine Walters	10/13/14	1910		10/14/14	0700
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

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

WO # 878837
Paykey RB 21200

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 ____

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 20, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Gallegos #2 OrderNo.: 1410602

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/14/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1410602**
Date Reported: **10/20/2014**

CLIENT: APEX AZTEC
Client Sample ID: C-5
Project: Gallegos #2
Collection Date: 10/13/2014 3:36:00 PM
Lab ID: 1410602-001
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 5:30:02 PM	15880
Surr: DNOP	102	57.9-140		%REC	1	10/15/2014 5:30:02 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2014 11:02:31 PM	15883
Surr: BFB	92.2	80-120		%REC	1	10/15/2014 11:02:31 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.048		mg/Kg	1	10/15/2014 11:02:31 PM	15883
Toluene	ND	0.048		mg/Kg	1	10/15/2014 11:02:31 PM	15883
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2014 11:02:31 PM	15883
Xylenes, Total	ND	0.096		mg/Kg	1	10/15/2014 11:02:31 PM	15883
Surr: 4-Bromofluorobenzene	93.8	80-120		%REC	1	10/15/2014 11:02:31 PM	15883

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: C-6
Project: Gallegos #2
Collection Date: 10/13/2014 3:40:00 PM
Lab ID: 1410602-002
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 6:01:07 PM	15880
Surr: DNOP	96.9	57.9-140		%REC	1	10/15/2014 6:01:07 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/15/2014 11:31:01 PM	15883
Surr: BFB	91.1	80-120		%REC	1	10/15/2014 11:31:01 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.047		mg/Kg	1	10/15/2014 11:31:01 PM	15883
Toluene	ND	0.047		mg/Kg	1	10/15/2014 11:31:01 PM	15883
Ethylbenzene	ND	0.047		mg/Kg	1	10/15/2014 11:31:01 PM	15883
Xylenes, Total	ND	0.095		mg/Kg	1	10/15/2014 11:31:01 PM	15883
Surr: 4-Bromofluorobenzene	93.0	80-120		%REC	1	10/15/2014 11:31:01 PM	15883

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410602**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15880**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**15880**		RunNo:	**21866**				
Prep Date:	**10/14/2014**	Analysis Date:	**10/14/2014**		SeqNo:	**643143**	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	9.6		10.00		96.2	57.9	140			

Sample ID	**LCS-15880**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**15880**		RunNo:	**21866**				
Prep Date:	**10/14/2014**	Analysis Date:	**10/14/2014**		SeqNo:	**643147**	Units:	**mg/Kg**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.2	68.6	130			
Surr: DNOP	4.8		5.000		95.3	57.9	140			

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#: **1410602**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**PBS**	Batch ID:	**15883**	RunNo:	**21927**
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644456** 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	900		1000		90.2	80	120			

Sample ID	**LCS-15883**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**LCSS**	Batch ID:	**15883**	RunNo:	**21927**
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644457** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	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#: **1410602**

20-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644540**	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	0.94		1.000		93.6	80	120			

Sample ID	**LCS-15883**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**15883**	RunNo:	**21927**					
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644541**	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	96.2	80	120			
Toluene	0.95	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410602 | RcptNo: 1

Received by/date: LM 10/14/14

Logged By: **Michelle Garcia** 10/14/2014 7:00:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 10/14/2014 9:01:21 AM Michelle Garcia

Reviewed By: CS 10/14/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, New Mexico

Project Manager: Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct Bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.4

1	2	3	4	5

Page 1 of 1

Sampler's Name: Heather Woods

Sampler's Signature: Heath M. Woods

Proj. No.: 703041460 35

Project Name: Gallegos #2

No/Type of Containers: 4 oz

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Lab Sample ID (Lab Use Only)
S	10/13/14	1536 ~~1632~~ HW			C-5						1		X	X	1410602 -001
S	10/13/14	1540			C-6						1		X	X	-002

MFS HW

Analysis Requested: 8021 BTEX; 8015 TPH (GRO/DRO)

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heath M. Woods	10/13/14	1812	Mike Walker	10/13/14	1812
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Mike Walker	10/13/14	1910		10/14/14	0700
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

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

WO # 878837

Pay Key ~~RB21200~~ HW RB21200

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 20, 2014

Heather Woods

Enterprise Field Services
614 Reilly Ave.
Farmington, NM 87401
TEL: (505) 599-2141
FAX

RE: Enterprise Gallegos #2 OrderNo.: 1410690

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 5 sample(s) on 10/15/2014 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 qualifers 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,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enterprise Field Services
Client Sample ID: C-7
Project: Enterprise Gallegos #2
Collection Date: 10/14/2014 4:00:00 PM
Lab ID: 1410690-001 **Matrix:** SOIL **Received Date:** 10/15/2014 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	10/16/2014 10:35:30 AM	15914
Surr: DNOP	98.2	57.9-140		%REC	1	10/16/2014 10:35:30 AM	15914
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	74	4.7		mg/Kg	1	10/16/2014 7:15:36 PM	15913
Surr: BFB	342	80-120	S	%REC	1	10/16/2014 7:15:36 PM	15913
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.27	0.047		mg/Kg	1	10/16/2014 7:15:36 PM	15913
Toluene	0.67	0.047		mg/Kg	1	10/16/2014 7:15:36 PM	15913
Ethylbenzene	0.49	0.047		mg/Kg	1	10/16/2014 7:15:36 PM	15913
Xylenes, Total	5.3	0.094		mg/Kg	1	10/16/2014 7:15:36 PM	15913
Surr: 4-Bromofluorobenzene	121	80-120	S	%REC	1	10/16/2014 7:15:36 PM	15913

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: Enterprise Field Services
Client Sample ID: C-8
Project: Enterprise Gallegos #2
Collection Date: 10/14/2014 4:05:00 PM
Lab ID: 1410690-002 **Matrix:** SOIL **Received Date:** 10/15/2014 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)	35	10		mg/Kg	1	10/16/2014 12:07:29 PM	15914
Surr: DNOP	93.9	63.5-128		%REC	1	10/16/2014 12:07:29 PM	15914
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	120	4.7		mg/Kg	1	10/16/2014 7:44:10 PM	15913
Surr: BFB	621	80-120	S	%REC	1	10/16/2014 7:44:10 PM	15913
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.057	0.047		mg/Kg	1	10/16/2014 7:44:10 PM	15913
Toluene	1.4	0.047		mg/Kg	1	10/16/2014 7:44:10 PM	15913
Ethylbenzene	0.78	0.047		mg/Kg	1	10/16/2014 7:44:10 PM	15913
Xylenes, Total	9.4	0.095		mg/Kg	1	10/16/2014 7:44:10 PM	15913
Surr: 4-Bromofluorobenzene	139	80-120	S	%REC	1	10/16/2014 7:44:10 PM	15913

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: Enterprise Field Services
Client Sample ID: C-9
Project: Enterprise Gallegos #2
Collection Date: 10/14/2014 4:10:00 PM
Lab ID: 1410690-003 **Matrix:** SOIL **Received Date:** 10/15/2014 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	10/16/2014 12:38:18 PM	15914
Surr: DNOP	101	63.5-128		%REC	1	10/16/2014 12:38:18 PM	15914
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	24	4.7		mg/Kg	1	10/16/2014 8:12:42 PM	15913
Surr: BFB	157	80-120	S	%REC	1	10/16/2014 8:12:42 PM	15913
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.047		mg/Kg	1	10/16/2014 8:12:42 PM	15913
Toluene	0.31	0.047		mg/Kg	1	10/16/2014 8:12:42 PM	15913
Ethylbenzene	0.12	0.047		mg/Kg	1	10/16/2014 8:12:42 PM	15913
Xylenes, Total	1.4	0.094		mg/Kg	1	10/16/2014 8:12:42 PM	15913
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	10/16/2014 8:12:42 PM	15913

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: Enterprise Field Services
Client Sample ID: C-10
Project: Enterprise Gallegos #2
Collection Date: 10/14/2014 4:15:00 PM
Lab ID: 1410690-004 **Matrix:** SOIL **Received Date:** 10/15/2014 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	10/16/2014 1:09:08 PM	15914
Surr: DNOP	103	63.5-128		%REC	1	10/16/2014 1:09:08 PM	15914
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	16	4.7		mg/Kg	1	10/16/2014 3:26:55 PM	15913
Surr: BFB	159	80-120	S	%REC	1	10/16/2014 3:26:55 PM	15913
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.065	0.047		mg/Kg	1	10/16/2014 3:26:55 PM	15913
Toluene	0.19	0.047		mg/Kg	1	10/16/2014 3:26:55 PM	15913
Ethylbenzene	0.077	0.047		mg/Kg	1	10/16/2014 3:26:55 PM	15913
Xylenes, Total	0.93	0.094		mg/Kg	1	10/16/2014 3:26:55 PM	15913
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	10/16/2014 3:26:55 PM	15913

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: Enterprise Field Services
Client Sample ID: C-11
Project: Enterprise Gallegos #2
Collection Date: 10/14/2014 4:35:00 PM
Lab ID: 1410690-005 **Matrix:** SOIL **Received Date:** 10/15/2014 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)	10	10		mg/Kg	1	10/16/2014 1:40:13 PM	15914
Surr: DNOP	87.0	63.5-128		%REC	1	10/16/2014 1:40:13 PM	15914
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	26	4.7		mg/Kg	1	10/16/2014 8:41:15 PM	15913
Surr: BFB	186	80-120	S	%REC	1	10/16/2014 8:41:15 PM	15913
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.30	0.047		mg/Kg	1	10/16/2014 8:41:15 PM	15913
Toluene	0.52	0.047		mg/Kg	1	10/16/2014 8:41:15 PM	15913
Ethylbenzene	0.17	0.047		mg/Kg	1	10/16/2014 8:41:15 PM	15913
Xylenes, Total	1.9	0.094		mg/Kg	1	10/16/2014 8:41:15 PM	15913
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	10/16/2014 8:41:15 PM	15913

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#: **1410690**

20-Oct-14

Client: Enterprise Field Services

Project: Enterprise Gallegos #2

Sample ID **MB-15914**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **15914**	RunNo: **21946**
Prep Date: **10/15/2014**	Analysis Date: **10/16/2014**	SeqNo: **645102** 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	9.2		10.00		91.8	57.9	140			

Sample ID **LCS-15914**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **15914**	RunNo: **21946**
Prep Date: **10/15/2014**	Analysis Date: **10/16/2014**	SeqNo: **645103** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	68.6	130			
Surr: DNOP	4.3		5.000		86.5	57.9	140			

Sample ID **1410690-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **C-7**	Batch ID: **15914**	RunNo: **21946**
Prep Date: **10/15/2014**	Analysis Date: **10/16/2014**	SeqNo: **645105** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	9.8	49.16	0	110	40.1	152			
Surr: DNOP	4.7		4.916		95.8	57.9	140			

Sample ID **1410690-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **C-7**	Batch ID: **15914**	RunNo: **21946**
Prep Date: **10/15/2014**	Analysis Date: **10/16/2014**	SeqNo: **645175** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.20	0	96.5	40.1	152	10.6	32.1	
Surr: DNOP	4.7		5.020		93.5	57.9	140	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#: **1410690**

20-Oct-14

Client: Enterprise Field Services

Project: Enterprise Gallegos #2

Sample ID	**MB-15913**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**15913**		RunNo:	**21955**				
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**		SeqNo:	**645490**	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	900		1000		89.8	80	120			

Sample ID	**LCS-15913**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**15913**		RunNo:	**21955**				
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**		SeqNo:	**645491**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.6	65.8	139			
Surr: BFB	1000		1000		99.9	80	120			

Sample ID	**1410690-002AMS**	SampType:	**MS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**C-8**	Batch ID:	**15913**		RunNo:	**21955**				
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**		SeqNo:	**645499**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	80	4.7	23.70	119.1	-164	71.8	132			S
Surr: BFB	3500		947.9		374	80	120			S

Sample ID	**1410690-002AMSD**	SampType:	**MSD**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**C-8**	Batch ID:	**15913**		RunNo:	**21955**				
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**		SeqNo:	**645500**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	96	4.7	23.72	119.1	-99.2	71.8	132	17.5	20	S
Surr: BFB	4200		948.8		446	80	120	0	0	S

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#: **1410690**

20-Oct-14

Client: Enterprise Field Services

Project: Enterprise Gallegos #2

Sample ID	**MB-15913**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**15913**	RunNo:	**21955**					
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**	SeqNo:	**645532**	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	0.93		1.000		92.6	80	120			

Sample ID	**LCS-15913**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**15913**	RunNo:	**21955**					
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**	SeqNo:	**645533**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.050	1.000	0	96.7	80	120			
Toluene	0.96	0.050	1.000	0	96.3	80	120			
Ethylbenzene	0.99	0.050	1.000	0	99.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	80	120			

Sample ID	**1410690-001AMS**	SampType:	**MS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**C-7**	Batch ID:	**15913**	RunNo:	**21955**					
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**	SeqNo:	**645547**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.047	0.9390	0.2709	85.3	77.4	142			
Toluene	1.0	0.047	0.9390	0.6699	40.2	77	132			S
Ethylbenzene	1.0	0.047	0.9390	0.4918	57.1	77.6	134			S
Xylenes, Total	3.7	0.094	2.817	5.269	-56.2	77.4	132			S
Surr: 4-Bromofluorobenzene	0.98		0.9390		104	80	120			

Sample ID	**1410690-001AMSD**	SampType:	**MSD**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**C-7**	Batch ID:	**15913**	RunNo:	**21955**					
Prep Date:	**10/15/2014**	Analysis Date:	**10/16/2014**	SeqNo:	**645548**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.047	0.9390	0.2709	81.4	77.4	142	3.46	20	
Toluene	1.1	0.047	0.9390	0.6699	41.4	77	132	1.11	20	S
Ethylbenzene	1.0	0.047	0.9390	0.4918	58.9	77.6	134	1.68	20	S
Xylenes, Total	4.0	0.094	2.817	5.269	-46.1	77.4	132	7.45	20	S
Surr: 4-Bromofluorobenzene	0.99		0.9390		106	80	120	0	0	

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		

ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Enterprise | Work Order Number: 1410690 | RcptNo: 1

Received by/date: AT 10/15/14

Logged By: Anne Thorne 10/15/2014 7:30:00 AM Anne Thorne

Completed By: Anne Thorne 10/15/2014 Anne Thorne

Reviewed By: CS 10/15/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	2.4	Good	Yes			

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Client: Enterprise Field Services

Mailing Address: 614 Reilly Ave
Farmington, NM 87401

Phone #: (505) 716-2787

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Enterprise Gallegos #2

Project #: 7030414G035

Project Manager: Heather Woods

Sampler: Heather Woods

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1410690	BTEX + ~~MTBE~~ + ~~TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / ~~MRO~~)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
10/14/14	1600	Soil	C-7	1-4oz	—	-001	X		X									
10/14/14	1605	Soil	C-8	1-4oz	—	-002	X		X									
10/14/14	1610	Soil	C-9	1-4oz	—	-003	X		X									
10/14/14	1615	Soil	C-10	1-4oz	—	-004	X		X									
10/14/14	1635	Soil	C-11	1-4oz	—	-005	X		X									

NFS HW

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/14/14	1850	Heather M. Woods	Christine Walker	10/14/14	1850
10/14/14	1930	Christine Walker		10/15/14	0730

Remarks: Direct bill to Enterprise Field Services

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 21, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Enterprise Gallegos #2 OrderNo.: 1410855

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/17/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: C-12
Project: Enterprise Gallegos #2
Collection Date: 10/16/2014 11:35:00 AM
Lab ID: 1410855-001 **Matrix:** SOIL **Received Date:** 10/17/2014 8:15:00 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	10/20/2014 12:25:40 PM	15958
Surr: DNOP	98.5	63.5-128		%REC	1	10/20/2014 12:25:40 PM	15958
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/20/2014 4:22:44 PM	15966
Surr: BFB	91.8	80-120		%REC	1	10/20/2014 4:22:44 PM	15966
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.067	0.050		mg/Kg	1	10/20/2014 4:22:44 PM	15966
Toluene	ND	0.050		mg/Kg	1	10/20/2014 4:22:44 PM	15966
Ethylbenzene	ND	0.050		mg/Kg	1	10/20/2014 4:22:44 PM	15966
Xylenes, Total	ND	0.099		mg/Kg	1	10/20/2014 4:22:44 PM	15966
Surr: 4-Bromofluorobenzene	94.8	80-120		%REC	1	10/20/2014 4:22:44 PM	15966

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: C-13
Project: Enterprise Gallegos #2
Collection Date: 10/16/2014 11:40:00 AM
Lab ID: 1410855-002
Matrix: SOIL
Received Date: 10/17/2014 8:15:00 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	10/20/2014 2:27:34 PM	15958
Surr: DNOP	98.9	63.5-128		%REC	1	10/20/2014 2:27:34 PM	15958
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/20/2014 5:48:42 PM	15966
Surr: BFB	92.2	80-120		%REC	1	10/20/2014 5:48:42 PM	15966
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.30	0.047		mg/Kg	1	10/20/2014 5:48:42 PM	15966
Toluene	0.21	0.047		mg/Kg	1	10/20/2014 5:48:42 PM	15966
Ethylbenzene	0.052	0.047		mg/Kg	1	10/20/2014 5:48:42 PM	15966
Xylenes, Total	0.39	0.095		mg/Kg	1	10/20/2014 5:48:42 PM	15966
Surr: 4-Bromofluorobenzene	96.1	80-120		%REC	1	10/20/2014 5:48:42 PM	15966

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: C-14
Project: Enterprise Gallegos #2
Collection Date: 10/16/2014 11:45:00 AM
Lab ID: 1410855-003
Matrix: SOIL
Received Date: 10/17/2014 8:15:00 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	10/20/2014 2:58:19 PM	15958
Surr: DNOP	103	63.5-128		%REC	1	10/20/2014 2:58:19 PM	15958
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/20/2014 2:56:49 PM	15966
Surr: BFB	92.0	80-120		%REC	1	10/20/2014 2:56:49 PM	15966
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.095	0.047		mg/Kg	1	10/20/2014 2:56:49 PM	15966
Toluene	0.12	0.047		mg/Kg	1	10/20/2014 2:56:49 PM	15966
Ethylbenzene	ND	0.047		mg/Kg	1	10/20/2014 2:56:49 PM	15966
Xylenes, Total	0.24	0.095		mg/Kg	1	10/20/2014 2:56:49 PM	15966
Surr: 4-Bromofluorobenzene	95.6	80-120		%REC	1	10/20/2014 2:56:49 PM	15966

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: C-15
Project: Enterprise Gallegos #2
Collection Date: 10/16/2014 11:50:00 AM
Lab ID: 1410855-004
Matrix: SOIL
Received Date: 10/17/2014 8:15:00 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	10/20/2014 3:28:47 PM	15958
Surr: DNOP	102	63.5-128		%REC	1	10/20/2014 3:28:47 PM	15958
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/20/2014 3:54:00 PM	15966
Surr: BFB	89.7	80-120		%REC	1	10/20/2014 3:54:00 PM	15966
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/20/2014 3:54:00 PM	15966
Toluene	ND	0.049		mg/Kg	1	10/20/2014 3:54:00 PM	15966
Ethylbenzene	ND	0.049		mg/Kg	1	10/20/2014 3:54:00 PM	15966
Xylenes, Total	ND	0.098		mg/Kg	1	10/20/2014 3:54:00 PM	15966
Surr: 4-Bromofluorobenzene	92.2	80-120		%REC	1	10/20/2014 3:54:00 PM	15966

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#: **1410855**

21-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15958**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**15958**		RunNo:	**22014**				
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**		SeqNo:	**647196**	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	8.5		10.00		84.7	63.5	128			

Sample ID	**LCS-15958**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**15958**		RunNo:	**22014**				
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**		SeqNo:	**647197**	Units:	**mg/Kg**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.9	68.6	130			
Surr: DNOP	3.7		5.000		73.5	63.5	128			

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#: **1410855**

21-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15966**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**15966**		RunNo:	**22027**				
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**		SeqNo:	**647476**	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	900		1000		90.3	80	120			

Sample ID	**LCS-15966**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**15966**		RunNo:	**22027**				
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**		SeqNo:	**647477**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.7	65.8	139			
Surr: BFB	1000		1000		99.6	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#: **1410855**

21-Oct-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-15966**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**15966**	RunNo:	**22027**					
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**	SeqNo:	**647489**	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	0.95		1.000		95.3	80	120			

Sample ID	**LCS-15966**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**15966**	RunNo:	**22027**					
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**	SeqNo:	**647490**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.050	1.000	0	89.7	80	120			
Toluene	0.90	0.050	1.000	0	89.9	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	**1410855-001AMS**	SampType:	**MS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**C-12**	Batch ID:	**15966**	RunNo:	**22027**					
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**	SeqNo:	**647498**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.050	0.9921	0.06660	79.6	77.4	142			
Toluene	0.82	0.050	0.9921	0.01429	80.8	77	132			
Ethylbenzene	0.85	0.050	0.9921	0.01239	84.1	77.6	134			
Xylenes, Total	2.6	0.099	2.976	0.03534	84.5	77.4	132			
Surr: 4-Bromofluorobenzene	0.99		0.9921		99.5	80	120			

Sample ID	**1410855-001AMSD**	SampType:	**MSD**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**C-12**	Batch ID:	**15966**	RunNo:	**22027**					
Prep Date:	**10/17/2014**	Analysis Date:	**10/20/2014**	SeqNo:	**647499**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.050	0.9930	0.06660	77.6	77.4	142	2.27	20	
Toluene	0.78	0.050	0.9930	0.01429	77.4	77	132	4.16	20	
Ethylbenzene	0.80	0.050	0.9930	0.01239	79.8	77.6	134	5.10	20	
Xylenes, Total	2.4	0.099	2.979	0.03534	80.2	77.4	132	5.08	20	
Surr: 4-Bromofluorobenzene	0.99		0.9930		99.6	80	120	0	0	

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410855 | RcptNo: 1

Received by/date: LM 10/17/14

Logged By: **Michelle Garcia** 10/17/2014 8:15:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 10/17/2014 10:51:24 AM Michelle Garcia

Reviewed By: CS 10/17/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	5.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location Aztec, NM

Project Manager Heather Woods

Laboratory: Hall Environmental
Address: Albuquerque, NM
Contact: Andy Freeman
Phone: (505) 345-3975
PO/SO #: Direct bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 5.4

1	2	3	4	5

Page 1 of 1

Sampler's Name: Heather Woods
Sampler's Signature: Heath M. Woods

Proj. No.: 703041G035
Project Name: Enterprise Gallegos #2
No/Type of Containers: 4-oz

ANALYSIS REQUESTED: 8021 BTEX; 8015 TPH (GRO/DRO)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 L	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Lab Sample ID (Lab Use Only)
S	10/16/14	1135			C-12						1		X	X	1410855-001
S	10/16/14	1140			C-13						1		X	X	-002
S	10/16/14	1145			C-14						1		X	X	-003
S	10/16/14	1150			C-15						1		X	X	-004

NFS HW

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heath M. Woods	10/16/14	1720		10/17/14	0815
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Direct bill to Enterprise Field Services
Attn: Tom Long
WO # 878837
Paykey RB21200

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 _____

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

October 31, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Gallegos #2 OrderNo.: 1410D39

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/30/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1410D39**
Date Reported: **10/31/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: C-16
Project: Gallegos #2
Collection Date: 10/29/2014 10:30:00 AM
Lab ID: 1410D39-001
Matrix: SOIL
Received Date: 10/30/2014 7:15:00 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	10/30/2014 9:25:58 AM	16162
Surr: DNOP	94.7	63.5-128		%REC	1	10/30/2014 9:25:58 AM	16162
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	10/30/2014 10:35:00 AM	R22237
Surr: BFB	90.9	80-120		%REC	1	10/30/2014 10:35:00 AM	R22237
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.043	0.036		mg/Kg	1	10/30/2014 10:35:00 AM	R22237
Toluene	ND	0.036		mg/Kg	1	10/30/2014 10:35:00 AM	R22237
Ethylbenzene	ND	0.036		mg/Kg	1	10/30/2014 10:35:00 AM	R22237
Xylenes, Total	ND	0.071		mg/Kg	1	10/30/2014 10:35:00 AM	R22237
Surr: 4-Bromofluorobenzene	94.3	80-120		%REC	1	10/30/2014 10:35:00 AM	R22237

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410D39**

31-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**LCS-16162**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**16162**		RunNo:	**22228**				
Prep Date:	**10/30/2014**	Analysis Date:	**10/30/2014**		SeqNo:	**654885**	Units:	**mg/Kg**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.1	68.6	130			
Surr: DNOP	4.0		5.000		79.5	63.5	128			

Sample ID	**MB-16162**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**16162**		RunNo:	**22228**				
Prep Date:	**10/30/2014**	Analysis Date:	**10/30/2014**		SeqNo:	**654909**	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		87.8	63.5	128			

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#: **1410D39**

31-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-16141 MK**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID:	**R22237**	RunNo:	**22237**					
Prep Date:		Analysis Date:	**10/30/2014**	SeqNo:	**655593**	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-16141 MK**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID:	**R22237**	RunNo:	**22237**					
Prep Date:		Analysis Date:	**10/30/2014**	SeqNo:	**655594**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	65.8	139			
Surr: BFB	980		1000		98.1	80	120			

Sample ID	**MB-16141**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID:	**16141**	RunNo:	**22237**					
Prep Date:	**10/29/2014**	Analysis Date:	**10/30/2014**	SeqNo:	**655604**	Units:	**%REC**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	890		1000		89.1	80	120			

Sample ID	**LCS-16141**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID:	**16141**	RunNo:	**22237**					
Prep Date:	**10/29/2014**	Analysis Date:	**10/30/2014**	SeqNo:	**655605**	Units:	**%REC**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	980		1000		98.1	80	120			

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#: **1410D39**

31-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID **MB-16141 MK**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R22237**	RunNo: **22237**
Prep Date:	Analysis Date: **10/30/2014**	SeqNo: **655628** 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	0.93		1.000		92.8	80	120			

Sample ID **LCS-16141 MK**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R22237**	RunNo: **22237**
Prep Date:	Analysis Date: **10/30/2014**	SeqNo: **655629** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	98.6	80	120			
Toluene	0.99	0.050	1.000	0	99.4	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.8	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.1	80	120			

Sample ID **MB-16141**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **16141**	RunNo: **22237**
Prep Date: **10/29/2014**	Analysis Date: **10/30/2014**	SeqNo: **655634** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	80	120			

Sample ID **LCS-16141**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **16141**	RunNo: **22237**
Prep Date: **10/29/2014**	Analysis Date: **10/30/2014**	SeqNo: **655635** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.1	80	120			

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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410D39 | RcptNo: 1

Received by/date: LM 10/30/14

Logged By: Anne Thorne 10/20/2014 7:15:00 AM Anne Thorne

Completed By: Anne Thorne 10/30/2014 Anne Thorne

Reviewed By: 10/30/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.9	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location Aztec, NM

Project Manager Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct Bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.9

1	2	3	4	5

Page ____ of ____

Sampler's Name: Heather Woods

Sampler's Signature: Heather M. Woods

Proj. No.: 7030414G035.001

Project Name: Gallegos #2

No/Type of Containers: 4-oz

ANALYSIS REQUESTED

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Lab Sample ID (Lab Use Only)
S	10/29/14	1030			C-16						1		X	X	1410D59-001

NES HW

Turn around time ☐ Normal ☐ 25% Rush ☐ 50% Rush ☒ 100% Rush Same Day

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heath M. Woods	10/29/14	1446	Mistie Walker	10/29/14	1446
Mistie Walker	10/29/14	1800		10/30/14	0715
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
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 ____

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 21, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Gallegos #2 OrderNo.: 1410597

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 12 sample(s) on 10/14/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1410597**
Date Reported: **10/21/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: SP-1
Project: Gallegos #2
Collection Date: 10/13/2014 3:00:00 PM
Lab ID: 1410597-001
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 9:19:54 AM	15880
Surr: DNOP	111	57.9-140		%REC	1	10/15/2014 9:19:54 AM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 1:01:57 PM	15883
Surr: BFB	90.1	80-120		%REC	1	10/15/2014 1:01:57 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 1:01:57 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 1:01:57 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 1:01:57 PM	15883
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2014 1:01:57 PM	15883
Surr: 4-Bromofluorobenzene	92.9	80-120		%REC	1	10/15/2014 1:01:57 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	12	1.5		mg/Kg	1	10/16/2014 5:59:56 PM	15944

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: SP-2
Project: Gallegos #2
Collection Date: 10/13/2014 3:02:00 PM
Lab ID: 1410597-002
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/15/2014 10:50:33 AM	15880
Surr: DNOP	98.8	57.9-140		%REC	1	10/15/2014 10:50:33 AM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 2:27:50 PM	15883
Surr: BFB	90.0	80-120		%REC	1	10/15/2014 2:27:50 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 2:27:50 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 2:27:50 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 2:27:50 PM	15883
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2014 2:27:50 PM	15883
Surr: 4-Bromofluorobenzene	92.2	80-120		%REC	1	10/15/2014 2:27:50 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	9.2	1.5		mg/Kg	1	10/16/2014 6:37:10 PM	15944

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: SP-3
Project: Gallegos #2
Collection Date: 10/13/2014 3:04:00 PM
Lab ID: 1410597-003
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/15/2014 11:20:46 AM	15880
Surr: DNOP	95.5	57.9-140		%REC	1	10/15/2014 11:20:46 AM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 2:56:24 PM	15883
Surr: BFB	89.4	80-120		%REC	1	10/15/2014 2:56:24 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 2:56:24 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 2:56:24 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 2:56:24 PM	15883
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2014 2:56:24 PM	15883
Surr: 4-Bromofluorobenzene	92.1	80-120		%REC	1	10/15/2014 2:56:24 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	11	1.5		mg/Kg	1	10/17/2014 1:19:03 PM	15944

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: SP-4
Project: Gallegos #2
Collection Date: 10/13/2014 3:05:00 PM
Lab ID: 1410597-004
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 11:51:20 AM	15880
Surr: DNOP	100	57.9-140		%REC	1	10/15/2014 11:51:20 AM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 3:24:57 PM	15883
Surr: BFB	90.1	80-120		%REC	1	10/15/2014 3:24:57 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 3:24:57 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 3:24:57 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 3:24:57 PM	15883
Xylenes, Total	ND	0.097		mg/Kg	1	10/15/2014 3:24:57 PM	15883
Surr: 4-Bromofluorobenzene	92.0	80-120		%REC	1	10/15/2014 3:24:57 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	10	1.5		mg/Kg	1	10/17/2014 1:31:28 PM	15944

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: SP-5
Project: Gallegos #2
Collection Date: 10/13/2014 3:06:00 PM
Lab ID: 1410597-005
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 12:21:52 PM	15880
Surr: DNOP	102	57.9-140		%REC	1	10/15/2014 12:21:52 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 3:53:30 PM	15883
Surr: BFB	89.2	80-120		%REC	1	10/15/2014 3:53:30 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 3:53:30 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 3:53:30 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 3:53:30 PM	15883
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2014 3:53:30 PM	15883
Surr: 4-Bromofluorobenzene	90.6	80-120		%REC	1	10/15/2014 3:53:30 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	11	1.5		mg/Kg	1	10/17/2014 10:25:16 AM	15944

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: SP-6
Project: Gallegos #2
Collection Date: 10/13/2014 3:08:00 PM
Lab ID: 1410597-006
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/15/2014 12:52:34 PM	15880
Surr: DNOP	101	57.9-140		%REC	1	10/15/2014 12:52:34 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2014 4:22:13 PM	15883
Surr: BFB	90.2	80-120		%REC	1	10/15/2014 4:22:13 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.048		mg/Kg	1	10/15/2014 4:22:13 PM	15883
Toluene	ND	0.048		mg/Kg	1	10/15/2014 4:22:13 PM	15883
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2014 4:22:13 PM	15883
Xylenes, Total	ND	0.095		mg/Kg	1	10/15/2014 4:22:13 PM	15883
Surr: 4-Bromofluorobenzene	92.7	80-120		%REC	1	10/15/2014 4:22:13 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	7.2	1.5		mg/Kg	1	10/17/2014 10:37:41 AM	15944

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: SP-7
Project: Gallegos #2
Collection Date: 10/13/2014 3:12:00 PM
Lab ID: 1410597-007
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 1:23:25 PM	15880
Surr: DNOP	100	57.9-140		%REC	1	10/15/2014 1:23:25 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2014 4:50:54 PM	15883
Surr: BFB	90.7	80-120		%REC	1	10/15/2014 4:50:54 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.048		mg/Kg	1	10/15/2014 4:50:54 PM	15883
Toluene	ND	0.048		mg/Kg	1	10/15/2014 4:50:54 PM	15883
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2014 4:50:54 PM	15883
Xylenes, Total	ND	0.097		mg/Kg	1	10/15/2014 4:50:54 PM	15883
Surr: 4-Bromofluorobenzene	93.0	80-120		%REC	1	10/15/2014 4:50:54 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	12	1.5		mg/Kg	1	10/17/2014 10:50:05 AM	15944

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: SP-8
Project: Gallegos #2
Collection Date: 10/13/2014 3:25:00 PM
Lab ID: 1410597-008
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 2:25:02 PM	15880
Surr: DNOP	108	57.9-140		%REC	1	10/15/2014 2:25:02 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/15/2014 5:19:34 PM	15883
Surr: BFB	90.6	80-120		%REC	1	10/15/2014 5:19:34 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.047		mg/Kg	1	10/15/2014 5:19:34 PM	15883
Toluene	ND	0.047		mg/Kg	1	10/15/2014 5:19:34 PM	15883
Ethylbenzene	ND	0.047		mg/Kg	1	10/15/2014 5:19:34 PM	15883
Xylenes, Total	ND	0.094		mg/Kg	1	10/15/2014 5:19:34 PM	15883
Surr: 4-Bromofluorobenzene	92.6	80-120		%REC	1	10/15/2014 5:19:34 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	8.2	1.5		mg/Kg	1	10/17/2014 11:02:30 AM	15944

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: SP-9
Project: Gallegos #2
Collection Date: 10/13/2014 3:27:00 PM
Lab ID: 1410597-009
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/15/2014 2:55:33 PM	15880
Surr: DNOP	101	57.9-140		%REC	1	10/15/2014 2:55:33 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 5:48:12 PM	15883
Surr: BFB	88.9	80-120		%REC	1	10/15/2014 5:48:12 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 5:48:12 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 5:48:12 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 5:48:12 PM	15883
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2014 5:48:12 PM	15883
Surr: 4-Bromofluorobenzene	90.5	80-120		%REC	1	10/15/2014 5:48:12 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	5.5	1.5		mg/Kg	1	10/17/2014 11:14:54 AM	15944

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: SP-10
Project: Gallegos #2
Collection Date: 10/13/2014 3:28:00 PM
Lab ID: 1410597-010
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/15/2014 3:26:17 PM	15880
Surr: DNOP	97.3	57.9-140		%REC	1	10/15/2014 3:26:17 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 8:10:58 PM	15883
Surr: BFB	89.6	80-120		%REC	1	10/15/2014 8:10:58 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 8:10:58 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 8:10:58 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 8:10:58 PM	15883
Xylenes, Total	ND	0.099		mg/Kg	1	10/15/2014 8:10:58 PM	15883
Surr: 4-Bromofluorobenzene	90.7	80-120		%REC	1	10/15/2014 8:10:58 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	17	1.5		mg/Kg	1	10/17/2014 11:27:19 AM	15944

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: SP-11
Project: Gallegos #2
Collection Date: 10/13/2014 3:30:00 PM
Lab ID: 1410597-011
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/15/2014 3:57:07 PM	15880
Surr: DNOP	109	57.9-140		%REC	1	10/15/2014 3:57:07 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/15/2014 8:39:37 PM	15883
Surr: BFB	89.8	80-120		%REC	1	10/15/2014 8:39:37 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.048		mg/Kg	1	10/15/2014 8:39:37 PM	15883
Toluene	ND	0.048		mg/Kg	1	10/15/2014 8:39:37 PM	15883
Ethylbenzene	ND	0.048		mg/Kg	1	10/15/2014 8:39:37 PM	15883
Xylenes, Total	ND	0.096		mg/Kg	1	10/15/2014 8:39:37 PM	15883
Surr: 4-Bromofluorobenzene	92.2	80-120		%REC	1	10/15/2014 8:39:37 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	8.0	1.5		mg/Kg	1	10/17/2014 11:39:43 AM	15944

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: SP-12
Project: Gallegos #2
Collection Date: 10/13/2014 3:32:00 PM
Lab ID: 1410597-012
Matrix: SOIL
Received Date: 10/14/2014 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS						Analyst: **JME**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/15/2014 4:27:51 PM	15880
Surr: DNOP	98.4	57.9-140		%REC	1	10/15/2014 4:27:51 PM	15880
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/15/2014 9:08:17 PM	15883
Surr: BFB	90.3	80-120		%REC	1	10/15/2014 9:08:17 PM	15883
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.049		mg/Kg	1	10/15/2014 9:08:17 PM	15883
Toluene	ND	0.049		mg/Kg	1	10/15/2014 9:08:17 PM	15883
Ethylbenzene	ND	0.049		mg/Kg	1	10/15/2014 9:08:17 PM	15883
Xylenes, Total	ND	0.098		mg/Kg	1	10/15/2014 9:08:17 PM	15883
Surr: 4-Bromofluorobenzene	92.4	80-120		%REC	1	10/15/2014 9:08:17 PM	15883
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Chloride	4.6	1.5		mg/Kg	1	10/17/2014 11:52:08 AM	15944

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#: **1410597**

21-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15944**	SampType: **MBLK**			TestCode: **EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID: **15944**			RunNo: **21982**					
Prep Date:	**10/16/2014**	Analysis Date: **10/16/2014**			SeqNo: **646169**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	**LCS-15944**	SampType: **LCS**			TestCode: **EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID: **15944**			RunNo: **21982**					
Prep Date:	**10/16/2014**	Analysis Date: **10/16/2014**			SeqNo: **646170**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID	**1410597-001AMS**	SampType: **MS**			TestCode: **EPA Method 300.0: Anions**					
Client ID:	**SP-1**	Batch ID: **15944**			RunNo: **21982**					
Prep Date:	**10/16/2014**	Analysis Date: **10/16/2014**			SeqNo: **646176**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	24	1.5	15.00	11.93	82.7	61.7	122			

Sample ID	**1410597-001AMSD**	SampType: **MSD**			TestCode: **EPA Method 300.0: Anions**					
Client ID:	**SP-1**	Batch ID: **15944**			RunNo: **21982**					
Prep Date:	**10/16/2014**	Analysis Date: **10/16/2014**			SeqNo: **646177**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	26	1.5	15.00	11.93	91.2	61.7	122	5.11	20	

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#: **1410597**

21-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID **MB-15880**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **15880**	RunNo: **21866**
Prep Date: **10/14/2014**	Analysis Date: **10/14/2014**	SeqNo: **643143** 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	9.6		10.00		96.2	57.9	140			

Sample ID **LCS-15880**	SampType: **LCS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **15880**	RunNo: **21866**
Prep Date: **10/14/2014**	Analysis Date: **10/14/2014**	SeqNo: **643147** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.2	68.6	130			
Surr: DNOP	4.8		5.000		95.3	57.9	140			

Sample ID **1410597-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **SP-1**	Batch ID: **15880**	RunNo: **21899**
Prep Date: **10/14/2014**	Analysis Date: **10/15/2014**	SeqNo: **644218** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	49.75	0	110	40.1	152			
Surr: DNOP	5.6		4.975		113	57.9	140			

Sample ID **1410597-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015D: Diesel Range Organics**
Client ID: **SP-1**	Batch ID: **15880**	RunNo: **21899**
Prep Date: **10/14/2014**	Analysis Date: **10/15/2014**	SeqNo: **644219** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.9	49.50	0	97.9	40.1	152	12.4	32.1	
Surr: DNOP	4.9		4.950		98.5	57.9	140	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#: **1410597**

21-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**PBS**	Batch ID:	**15883**	RunNo:	**21927**
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644456** 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	900		1000		90.2	80	120			

Sample ID	**LCS-15883**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**
Client ID:	**LCSS**	Batch ID:	**15883**	RunNo:	**21927**
Prep Date:	**10/14/2014**	Analysis Date:	**10/15/2014**	SeqNo:	**644457** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	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#: **1410597**

21-Oct-14

Client: APEX AZTEC

Project: Gallegos #2

Sample ID	**MB-15883**	SampType: **MBLK**		TestCode: **EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID: **15883**		RunNo: **21927**					
Prep Date:	**10/14/2014**	Analysis Date: **10/15/2014**		SeqNo: **644540**		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	0.94		1.000		93.6	80	120			

Sample ID	**LCS-15883**	SampType: **LCS**		TestCode: **EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID: **15883**		RunNo: **21927**					
Prep Date:	**10/14/2014**	Analysis Date: **10/15/2014**		SeqNo: **644541**		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	96.2	80	120			
Toluene	0.95	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID	**1410597-001AMS**	SampType: **MS**		TestCode: **EPA Method 8021B: Volatiles**					
Client ID:	**SP-1**	Batch ID: **15883**		RunNo: **21927**					
Prep Date:	**10/14/2014**	Analysis Date: **10/15/2014**		SeqNo: **644544**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.049	0.9852	0	89.8	77.4	142			
Toluene	0.90	0.049	0.9852	0.008222	90.9	77	132			
Ethylbenzene	0.97	0.049	0.9852	0	98.7	77.6	134			
Xylenes, Total	2.9	0.099	2.956	0.01448	98.2	77.4	132			
Surr: 4-Bromofluorobenzene	0.98		0.9852		99.1	80	120			

Sample ID	**1410597-001AMSD**	SampType: **MSD**		TestCode: **EPA Method 8021B: Volatiles**					
Client ID:	**SP-1**	Batch ID: **15883**		RunNo: **21927**					
Prep Date:	**10/14/2014**	Analysis Date: **10/15/2014**		SeqNo: **644545**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.049	0.9852	0	99.0	77.4	142	9.74	20	
Toluene	1.0	0.049	0.9852	0.008222	100	77	132	9.96	20	
Ethylbenzene	1.0	0.049	0.9852	0	105	77.6	134	6.04	20	
Xylenes, Total	3.1	0.099	2.956	0.01448	104	77.4	132	5.89	20	
Surr: 4-Bromofluorobenzene	0.98		0.9852		99.6	80	120	0	0	

Qualifiers:

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- 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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410597 | RcptNo: 1

Received by/date: LM 10/14/14

Logged By: **Anne Thorne** 10/14/2014 7:00:00 AM Anne Thorne

Completed By: **Anne Thorne** 10/14/2014 Anne Thorne

Reviewed By: 10/14/14

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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, New Mexico

Project Manager: Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct Bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.4

1	2	3	4	5

Page 1 of 2

Sampler's Name: Heather Woods

Sampler's Signature: Heather M. Woods

Proj. No.: 7030414G035

Project Name: Gallegos #2

No/Type of Containers: 4-oz

ANALYSIS REQUESTED: 8021 BTEX; 8015 TPH (GRO/DRO); Cl; ✓ 10/15/14

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	Lab Sample ID (Lab Use Only)
S	10/13/14	1506			SP-1						1		1410597-001
S	10/13/14	1502			SP-2						1		-002
S	10/13/14	1504			SP-3						1		-003
S	10/13/14	1505			SP-4						1		-004
S	10/13/14	1506			SP-5						1		-005
S	10/13/14	1508			SP-6						1		-006
S	10/13/14	1512			SP-7						1		-007
S	10/13/14	1525			SP-8						1		-008
S	10/13/14	1527			SP-9						1		-009
S	10/13/14	1528			SP-10						1		-010

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heather M. Woods	10/13/14	1812	Christie Walter	10/13/14	1812
Christie Walter	10/13/14	1910		10/14/14	0700
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

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

WO # 878837
PayKey RB21200

HW added 10/15/14 Cl to all samples ✓ 10/15/14

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

CHAIN OF CUSTODY RECORD

APEX

Office Location: Aztec, NM

Project Manager: Heather Woods

Laboratory: Hall Environmental

Address: Albuquerque, NM

Contact: Andy Freeman

Phone:

PO/SO #: Direct bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 1.4

1	2	3	4	5

Page 2 of 2

Sampler's Name: Heather Woods

Sampler's Signature: Heather M. Woods

Proj. No.: 10304146035

Project Name: Gallegos #2

No/Type of Containers: 4-oz

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	VOA	A/G 1 Lt.	250 ml	Glass Jar	P/O	8021 BTEX	8015 TPH (GRO/DRO)	Cl	Lab Sample ID (Lab Use Only)
S	10/13/14	1530			SP-11						1		x	x	x	1410597-011
S	10/13/14	1532			SP-12						1		x	x	x	-012

NES HCM

Turn around time: ☑ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% Rush

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heather M. Woods	10/13/14	1817	Christa Walter	10/13/14	1817
Christa Walter	10/13/14	1910		10/14/14	0700

NOTES:

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 _____

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

November 03, 2014

Heather Woods
APEX AZTEC
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (505) 716-2787
FAX (505) 334-5204

RE: Enterprise Gallegos #2 OrderNo.: 1410857

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/17/2014 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 qualifers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: APEX AZTEC
Client Sample ID: EW-1
Project: Enterprise Gallegos #2
Collection Date: 10/16/2014 1:20:00 PM
Lab ID: 1410857-001
Matrix: AQUEOUS
Received Date: 10/17/2014 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	1400	100		µg/L	100	10/17/2014 2:13:36 PM	R22004
Toluene	6300	100		µg/L	100	10/17/2014 2:13:36 PM	R22004
Ethylbenzene	870	100		µg/L	100	10/17/2014 2:13:36 PM	R22004
Xylenes, Total	11000	200		µg/L	100	10/17/2014 2:13:36 PM	R22004
Surr: 4-Bromofluorobenzene	113	66.6-167		%REC	100	10/17/2014 2:13:36 PM	R22004
EPA METHOD 300.0: ANIONS						Analyst: **LGP**	
Fluoride	ND	0.50		mg/L	5	10/17/2014 5:13:03 PM	R21997
Chloride	94	2.5		mg/L	5	10/17/2014 5:13:03 PM	R21997
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	10/17/2014 5:13:03 PM	R21997
Bromide	ND	0.50		mg/L	5	10/17/2014 5:13:03 PM	R21997
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	10/17/2014 5:13:03 PM	R21997
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	10/17/2014 5:13:03 PM	R21997
Sulfate	ND	2.5		mg/L	5	10/17/2014 5:13:03 PM	R21997
EPA METHOD 200.7: METALS						Analyst: **JLF**	
Calcium	100	5.0		mg/L	5	10/22/2014 3:55:34 PM	16020
Magnesium	34	5.0		mg/L	5	10/22/2014 3:55:34 PM	16020
Potassium	22	5.0		mg/L	5	10/22/2014 3:55:34 PM	16020
Sodium	580	10		mg/L	10	10/22/2014 4:02:13 PM	16020

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

Qualifiers:

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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#: **1410857**

03-Nov-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**MB-16020**	SampType:	**MBLK**	TestCode:	**EPA Method 200.7: Metals**					
Client ID:	**PBW**	Batch ID:	**16020**	RunNo:	**22075**					
Prep Date:	**10/22/2014**	Analysis Date:	**10/22/2014**	SeqNo:	**649308**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID	**LCS-16020**	SampType:	**LCS**	TestCode:	**EPA Method 200.7: Metals**					
Client ID:	**LCSW**	Batch ID:	**16020**	RunNo:	**22075**					
Prep Date:	**10/22/2014**	Analysis Date:	**10/22/2014**	SeqNo:	**649309**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	51	1.0	50.00	0	101	85	115			
Magnesium	51	1.0	50.00	0	101	85	115			
Potassium	50	1.0	50.00	0	101	85	115			
Sodium	51	1.0	50.00	0	101	85	115			

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#: **1410857**

03-Nov-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R21997**	RunNo: **21997**
Prep Date:	Analysis Date: **10/17/2014**	SeqNo: **646536** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R21997**	RunNo: **21997**
Prep Date:	Analysis Date: **10/17/2014**	SeqNo: **646537** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.51	0.10	0.5000	0	101	90	110			
Chloride	4.6	0.50	5.000	0	92.3	90	110			
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	97.1	90	110			
Bromide	2.4	0.10	2.500	0	96.3	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.8	90	110			
Phosphorus, Orthophosphate (As P	4.7	0.50	5.000	0	94.5	90	110			
Sulfate	9.6	0.50	10.00	0	96.2	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R21997**	RunNo: **21997**
Prep Date:	Analysis Date: **10/17/2014**	SeqNo: **646591** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R21997**	RunNo: **21997**
Prep Date:	Analysis Date: **10/17/2014**	SeqNo: **646592** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.3	90	110			

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#: **1410857**

03-Nov-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R21997**	RunNo: **21997**
Prep Date:	Analysis Date: **10/17/2014**	SeqNo: **646592** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.5	0.50	5.000	0	90.3	90	110			
Nitrogen, Nitrite (As N)	0.94	0.10	1.000	0	94.4	90	110			
Bromide	2.4	0.10	2.500	0	94.3	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	94.7	90	110			
Phosphorus, Orthophosphate (As P	4.7	0.50	5.000	0	93.1	90	110			
Sulfate	9.4	0.50	10.00	0	94.2	90	110			

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#: **1410857**

03-Nov-14

Client: APEX AZTEC

Project: Enterprise Gallegos #2

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBW**	Batch ID:	**R22004**	RunNo:	**22004**					
Prep Date:		Analysis Date:	**10/17/2014**	SeqNo:	**646795**	Units:	**µg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	20		20.00		97.6	66.6	167			

Sample ID	**100NG BTEX LCS**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSW**	Batch ID:	**R22004**	RunNo:	**22004**					
Prep Date:		Analysis Date:	**10/17/2014**	SeqNo:	**646796**	Units:	**µg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	80	120			
Toluene	21	1.0	20.00	0	104	80	120			
Ethylbenzene	21	1.0	20.00	0	104	80	120			
Xylenes, Total	63	2.0	60.00	0	105	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		105	66.6	167			

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

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

Sample Log-In Check List

Client Name: APEX AZTEC | Work Order Number: 1410857 | RcptNo: 1

Received by/date: LM 10/17/14

Logged By: **Michelle Garcia** 10/17/2014 8:15:00 AM Michelle Garcia

Completed By: **Michelle Garcia** 10/17/2014 10:55:48 AM Michelle Garcia

Reviewed By: CS 10/17/14

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 ☐	

r metals analysis: Added 0.5 mL HNO3 to OK for acceptable pH.

# of preserved bottles checked for pH:	1
(<2 or >12 unless noted)	
Adjusted?	yes
Checked by:	

10/17/14

Special Handling (if applicable)

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

Person Notified:		Date:	
By Whom:		Via: ☐ eMail ☐ Phone ☐ Fax ☐ 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	5.4	Good	Yes			

CHAIN OF CUSTODY RECORD

APEX

Office Location Aztec, NM

Project Manager Heather Woods

Laboratory: Hall Environmental
Address: Albuquerque, NM
Contact: Andy Freeman
Phone: (505) 345-3975
PO/SO #: Direct bill to Enterprise

Lab use only
Due Date:

Temp. of coolers when received (C°): 5.4

1	2	3	4	5

Page 1 of 1

Sampler's Name: Heather Woods

Sampler's Signature: Heather M. Woods

Proj. No.: 7030414G035

Project Name: Enterprise Gallegos #2

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No/Type of Containers: VOA	A/G	250 ml	Glass Jar	P/O	8021 BTEX	Anions	Cations	Lab Sample ID (Lab Use Only)
W	10/16/14	1320			EW-1			3	1				✓	✓	✓	1410857-001

NFS HW

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

Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Heather M. Woods	10/16/14	1720		10/17/14	0815
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

NOTES: Direct Bill to Enterprise Field Services
Attn: Tom Long
WO # 878837
Paykey RB21200

Verified analysis request with Heather. Run all anions. MZ 10/17/14

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 _____