



Sampling Summary:

Comanche Compressor Station

Sec 34 T7S R26E

Chaves County, New Mexico

OCD Tracking: 2RP-2784

July 8, 2015

- 1.0 Introduction**
- 2.0 Background**
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1.0 Introduction

As a part of the remediation efforts at the Comanche Compressor Station, regular sampling is required to ensure removal of contaminated soil. This document explains the sampling procedures used throughout the remediation process.

2.0 Background

The Comanche Compressor Station contained two tanks in an earthen containment, sitting in the northwest corner of the station (See **Figure 1**). The release occurred as a result of a broken valve on the drain line off of the condensate storage tank. The approximately 180 bbls of condensate flowed out of the drain line on the west side of the tank, and pooled in the west half of the containment. The lowest point in the containment was the northwest corner; as such this area had the most condensate infiltrate the soil, and thus the highest contamination. The east half of the containment was less affected by the release, and exhibited much lower levels of contamination.

3.0 Recommended Remedial Action Levels

Based on the *Guidelines for Remediation of Leaks, Spills and Releases* (NMOCD, August 13, 1993), the site ranking criteria are as follows.

Depth to groundwater <50' (per NMOSE)**	20
Not in a wellhead protection area	0
Distance to surface water body >1000'	<u>0</u>
Total Ranking Score =	20

**Note: There is no available NMOSE data on groundwater depth within two miles of the location. All of the available data is for wells that are in close proximity to the Pecos River, and would likely have shallower ground water, than would be present at the Comanche Compressor Station.

For sites with a Total Ranking Score of >19, the Recommended Remedial Action Levels (RRAL) are:

Benzene	10 ppm
BTEX	50 ppm
TPH	100 ppm

4.0 Remedial Action Plan

Agave has proposed and will implement the following actions for this site.

1. Agave will collect soil samples in an attempt to characterize the area of contamination.
2. Agave will excavate all soil with apparent signs of contamination (i.e. staining, odor, free liquids), and where sampling has indicated the presence of contamination.
 - a. Any excavated material proven to be below RRAL will be stockpiled on location to be used to fill in the excavation.
 - b. All excavated material that exceeds RRAL will be remediated on site, by means of aeration and volatilization.
 - c. Any excavated material that we are unable to remediate to meet RRAL, will be disposed of at an OCD approved land farm or landfill.
3. After excavation, Agave will resample the area until the RRAL are met.
4. After confirmation that all excavated material has been remediated to meet the RRAL, the excavation will be refilled.
5. Agave will construct a new metal, lined containment for the tanks at this location.

5.0 Sampling Methodology

To ensure the removal of contamination from the affected area, regular sampling has been conducted. Samples have been collected from the excavation floors and sidewalls, as well as the excavated material. Within the excavation itself, a grid was set up consisting of nine plots of equal area. As digging progressed, samples were collected from each plot until analyses showed contamination to meet RRAL. These samples were composite samples collected at the current depth of the excavation floor.

July 8, 2015

These grid plots were also used to collect samples from the sidewalls of the excavation. The sidewall samples were collected as composites of the entire wall profile, where the individual subsamples were collected at 1 foot increments.

Sampling in this manner has ensured proper delineation of contamination in both the vertical and horizontal axes.

Due to the fact that the contamination was not distributed evenly throughout the soil profile, multiple sampling events were required. As a part of the remediation work, Agave would excavate the affected area, and sample the excavation floors and sidewalls. When a given grid plot was shown, through sampling, to meet the RRAL no further excavation was conducted for that plot. Excavation in other plots was continued until sampling showed them to be below RRAL. After the floor and sidewalls of all grid plots were shown to meet RRAL, no further excavation was conducted. Please refer to Appendix A for a summary of sampling results, and the complete analytical data.

6.0 Onsite Remediation

The contaminated soil that was excavated has been placed on plastic pit liners, inside the station fence line. These piles of contaminated soil were continuously turned over to encourage flashing of hydrocarbon contamination. After several "turns" of the pile composite samples were collected from each individual pile to determine the levels of residual contamination. If the samples showed remaining contamination to exceed RRAL, additional turning of the piles was completed.

As of yet no material has been placed back into the excavation. Upon approval from the OCD, that excavated material, which has been shown to meet RRAL, will be backfilled into the excavation. Please refer to Appendix A for a summary of sampling results and complete analytical data.

If you have any questions regarding this site work plan, please do not hesitate to call me at (575) 513-8988, or email at KEgan@agaveenergy.com

Respectfully,



Kerry Egan

Engineering Technician

Agave Energy Company

Initial Sampling Summary for Comanche Compressor Station

Analytical Report H202790		Sample Date	Depth	BTEX	GRO	DRO	CI-
CCS - NW Surface	1/6/2015	0-6"	168.3	9200	560	420	
CCS - NW	1/6/2015	2'	609	20000	3800	ND	
CCS - West	1/6/2015	2'	191	5300	1300	27	
CCS - SW	1/6/2015	2'	259	10000	1200	ND	
CCS - Central	1/6/2015	2'	222	8900	1000	ND	
CCS - East	1/6/2015	2'	ND	ND	ND	20	
CCS - NE	1/6/2015	2'	103.9	3400	1400	1100	
CCS - NW Corner	1/6/2015	2'	652	21000	4100	ND	
				*All results are in ppm			

Site Ranking: 20

Depth to Ground Water <50" (Approx. 31' per NMOSE average, no wells within 2 mile radius. All NMOSE data comes from wells close to the river where the water table would be more shallow.)

Distance to Surface Water Body > 1000' (Approx. 0.875 miles)

Released approximately 180 bbls of condensate. The liquid accumulated most heavily in the NW corner of the berm. No liquid was observed on the Eastern portion or Southeastern corner of the containment.

Discovery Date 1/6/15

Final Sampling Summary for Comanche Compressor Station

[illegible]

Note: All results are in ppm.

After the initial excavation work, Cl- levels were shown to be insignificant (refer to analytical report 1502B39). As such subsequent samples were not analyzed for Cl- contamination. The excavated material was sampled to ensure acceptable Cl- levels.

Total Site Ranking: 20

Depth to Ground Water <50" (Approx. 31' per NMOSE average, no wells within 2 mile radius. All NMOSE data comes from wells close to the river where the water table would be more shallow.).

Distance to Surface Water Body > 1000' (Approx. 0.875 miles).

Greater than 1000' from a water source, and greater than 200' from a private domestic water source.

Recommended Remediation Action Levels (RRAL) for Sites with Total Ranking Score >19

Benzene:	10 ppm
BTEX:	50 ppm
TPH:	100 ppm

All of the final samples taken from the excavation floors and side walls have been shown to be below the RRAL for this location. These results indicate that Agave has delineated the extent of the contamination, both horizontally and vertically, as required by OCD protocols.

The composite samples collected from the piles of excavated material, were composed of eight randomly selected individual subsamples. These subsamples in themselves were composites of the entire pile profile.



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

July 07, 2015

KERRY EGAN

AGAVE ENERGY COMPANY

P. O. BOX 158

ARTESIA, NM 88211

RE: COMANCHE COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 07/01/15 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

AGAVE ENERGY COMPANY
KERRY EGAN
P. O. BOX 158
ARTESIA NM, 88211
Fax To: (575) 748-4275

Received:	07/01/2015	Sampling Date:	06/30/2015
Reported:	07/07/2015	Sampling Type:	Soil
Project Name:	COMANCHE COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: COMANCHE EXFILL PILE #1 (H501697-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2015	ND	2.27	114	2.00	2.86	
Toluene*	<0.050	0.050	07/02/2015	ND	2.03	101	2.00	3.09	
Ethylbenzene*	0.325	0.050	07/02/2015	ND	1.92	96.0	2.00	5.36	
Total Xylenes*	<0.150	0.150	07/02/2015	ND	5.76	96.0	6.00	5.18	
Total BTEX	0.445	0.300	07/02/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/06/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	18.6	10.0	07/02/2015	ND	198	98.8	200	4.52	
DRO >C10-C28	23.7	10.0	07/02/2015	ND	211	106	200	4.94	

Surrogate: 1-Chlorooctane 89.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.7 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

AGAVE ENERGY COMPANY
KERRY EGAN
P. O. BOX 158
ARTESIA NM, 88211
Fax To: (575) 748-4275

Received:	07/01/2015	Sampling Date:	06/30/2015
Reported:	07/07/2015	Sampling Type:	Soil
Project Name:	COMANCHE COMPRESSOR STATION	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: COMANCHE EXFILL PILE #2 (H501697-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/02/2015	ND	2.27	114	2.00	2.86		
Toluene*	<0.050	0.050	07/02/2015	ND	2.03	101	2.00	3.09		
Ethylbenzene*	<0.050	0.050	07/02/2015	ND	1.92	96.0	2.00	5.36		
Total Xylenes*	<0.150	0.150	07/02/2015	ND	5.76	96.0	6.00	5.18		
Total BTEx	<0.300	0.300	07/02/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/06/2015	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/02/2015	ND	198	98.8	200	4.52		
DRO >C10-C28	<10.0	10.0	07/02/2015	ND	211	106	200	4.94		

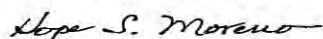
Surrogate: 1-Chlorooctane 83.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.7 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

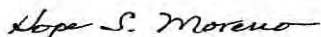
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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* = Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Agave Energy Company

Project Manager: Kerry Egan

Address: 326 South 4th Street

City: Artesia

Phone #: 575-513-8988

Project #:

Project Name:

Project Location: Comanche Compressor Station

Sampler Name: Kerry Egan

P.O. #: 806-2336

Company: Agave Energy

Attn: Kerry Egan

Address: 105 South 4th

City: Artesia

State: NM Zip: 88210

Phone #: 575 748-4555

Fax #: 575 748-4275

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

#501698

Comanche Exfill Pile #1
Comanche Exfill Pile #2

(G)RAB OR (C)OMP.

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BTEX
TPH
CI-

Relinquished By:

Relinquished By: *[Signature]*

Date: 7/1/15

Time: 8:30 AM

Date: 7/1/15

Time: 1:45 PM

Received By:

Received By: *[Signature]*

Date: 7/1/15

Time: 1:45 PM

Date: 7/1/15

Time: 1:45 PM

Phone Result:

Fax Result:

REMARKS:

BTEX, TPH, CI- analyses requested.

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

5.4C

Sample Condition
Cool Intact
☒ Yes ☐ No
☒ Yes ☐ No

CHECKED BY: *[Signature]*

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54



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

June 02, 2015

Kerry Egan
Agave Energy Company
6263 N Main
Roswell, NM 88201
TEL: (575) 513-8988
FAX

RE: Comanche Compressor Station

OrderNo.: 1505C66

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/29/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1505C66

Date Reported: 6/2/2015

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Agave Energy Company**Client Sample ID:** East Wall- North**Project:** Comanche Compressor Station**Collection Date:** 5/27/2015 1:30:00 PM**Lab ID:** 1505C66-001**Matrix:** SOIL**Received Date:** 5/29/2015 9:20:00 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	5/30/2015 4:58:26 PM	19471
Surr: DNOP	85.2	57.9-140		%REC	1	5/30/2015 4:58:26 PM	19471
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2015 3:09:02 PM	19464
Surr: BFB	111	75.4-113		%REC	1	6/1/2015 3:09:02 PM	19464
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	6/1/2015 3:09:02 PM	19464
Toluene	ND	0.049		mg/Kg	1	6/1/2015 3:09:02 PM	19464
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2015 3:09:02 PM	19464
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2015 3:09:02 PM	19464
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	6/1/2015 3:09:02 PM	19464

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 1 of 6
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **1505C66**Date Reported: **6/2/2015****CLIENT:** Agave Energy Company**Client Sample ID:** East Wall- Center**Project:** Comanche Compressor Station**Collection Date:** 5/27/2015 1:45:00 PM**Lab ID:** 1505C66-002**Matrix:** SOIL**Received Date:** 5/29/2015 9:20:00 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	5/30/2015 5:20:10 PM	19471
Surr: DNOP	94.1	57.9-140		%REC	1	5/30/2015 5:20:10 PM	19471
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/1/2015 8:54:17 PM	19464
Surr: BFB	113	75.4-113	S	%REC	1	6/1/2015 8:54:17 PM	19464
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/1/2015 8:54:17 PM	19464
Toluene	ND	0.050		mg/Kg	1	6/1/2015 8:54:17 PM	19464
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2015 8:54:17 PM	19464
Xylenes, Total	ND	0.099		mg/Kg	1	6/1/2015 8:54:17 PM	19464
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	6/1/2015 8:54:17 PM	19464

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical Report

Lab Order 1505C66

Date Reported: 6/2/2015

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Agave Energy Company**Client Sample ID:** South Wall- West**Project:** Comanche Compressor Station**Collection Date:** 5/27/2015 2:00:00 PM**Lab ID:** 1505C66-003**Matrix:** SOIL**Received Date:** 5/29/2015 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	41	9.9		mg/Kg	1	5/30/2015 5:41:47 PM	19471
Surr: DNOP	107	57.9-140		%REC	1	5/30/2015 5:41:47 PM	19471
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	52	5.0		mg/Kg	1	6/1/2015 9:23:03 PM	19464
Surr: BFB	366	75.4-113	S	%REC	1	6/1/2015 9:23:03 PM	19464
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	6/1/2015 9:23:03 PM	19464
Toluene	ND	0.050		mg/Kg	1	6/1/2015 9:23:03 PM	19464
Ethylbenzene	ND	0.050		mg/Kg	1	6/1/2015 9:23:03 PM	19464
Xylenes, Total	ND	0.10		mg/Kg	1	6/1/2015 9:23:03 PM	19464
Surr: 4-Bromofluorobenzene	121	80-120	S	%REC	1	6/1/2015 9:23:03 PM	19464

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 Not In Range
	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#: 1505C66

02-Jun-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-19454	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics						
Client ID:	PBS	Batch ID:	19454	RunNo:	26506						
Prep Date:	5/29/2015	Analysis Date:	5/30/2015	SeqNo:	787713	Units:	%REC				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	11		10.00		109	57.9	140				

Sample ID	MB-19470		SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 19470		RunNo: 26506					
Prep Date:	5/29/2015		Analysis Date: 5/30/2015		SeqNo: 787714		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.2		10.00		82.2	57.9	140			

Sample ID	LCS-19454		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 19454		RunNo: 26506					
Prep Date:	5/29/2015		Analysis Date: 5/30/2015		SeqNo: 787722		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.1	57.9	140			

Sample ID	LCS-19470		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 19470		RunNo: 26506					
Prep Date:	5/29/2015		Analysis Date: 5/30/2015		SeqNo: 787723		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		90.7	57.9	140			

Sample ID	MB-19471		SampType:	MBLK		TestCode:	EPA Method 8015D: Diesel Range Organics				
Client ID:	PBS		Batch ID:	19471		RunNo:	26506				
Prep Date:	5/29/2015		Analysis Date:	5/30/2015		SeqNo:	787834		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	8.9		10.00		88.6	57.9	140				

Sample ID	LCS-19471		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 19471		RunNo: 26506					
Prep Date:	5/29/2015		Analysis Date: 5/30/2015		SeqNo: 787835		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	86.4	67.8	130			
Surr: DNOP	4.3		5.000		86.5	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 Not In Range
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505C66

02-Jun-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-19464	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	19464	RunNo:	26530					
Prep Date:	5/29/2015	Analysis Date:	6/1/2015	SeqNo:	788849	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	910		1000		91.0	75.4	113			

Sample ID	LCS-19464	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	19464	RunNo:	26530					
Prep Date:	5/29/2015	Analysis Date:	6/1/2015	SeqNo:	788850	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	100	64	130			
Surr: BFB	980		1000		97.5	75.4	113			

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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505C66

02-Jun-15

Client: Agave Energy Company
Project: Comanche Compressor Station

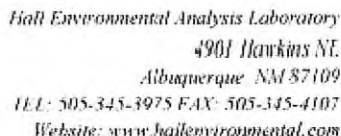
Sample ID	MB-19464	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	19464	RunNo:	26530					
Prep Date:	5/29/2015	Analysis Date:	6/1/2015	SeqNo:	788884	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID	LCS-19464	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	19464	RunNo:	26530					
Prep Date:	5/29/2015	Analysis Date:	6/1/2015	SeqNo:	788885	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	105	76.6	128			
Toluene	1.0	0.050	1.000	0	103	75	124			
Ethylbenzene	1.0	0.050	1.000	0	105	79.5	126			
Xylenes, Total	3.1	0.10	3.000	0	103	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	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 Not In Range
RL Reporting Detection Limit



RcptNo: 1

Page 1 of 1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

☒ Standard ☐ Rush

101

Comanche Compressor Station

Artesia, NM 88210

Phone #: (575) 513-8988

email or Fax#:

QA/QC Package:

☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Sample Request ID

HEAL No.

6/27/16 1-500

5

East Wall - North

(1) 407.1ar	1re/cool
-------------	----------

5/27/15 4-420

2

East Wall - Center

Year	Rate
1940-1949	10.0%
1950-1959	10.0%
1960-1969	10.0%
1970-1979	10.0%
1980-1989	10.0%
1990-1999	10.0%
2000-2009	10.0%
2010-2019	10.0%
2020-2029	10.0%
2030-2039	10.0%
2040-2049	10.0%
2050-2059	10.0%
2060-2069	10.0%
2070-2079	10.0%
2080-2089	10.0%
2090-2099	10.0%
2100-2109	10.0%
2110-2119	10.0%
2120-2129	10.0%
2130-2139	10.0%
2140-2149	10.0%
2150-2159	10.0%
2160-2169	10.0%
2170-2179	10.0%
2180-2189	10.0%
2190-2199	10.0%
2200-2209	10.0%
2210-2219	10.0%
2220-2229	10.0%
2230-2239	10.0%
2240-2249	10.0%
2250-2259	10.0%
2260-2269	10.0%
2270-2279	10.0%
2280-2289	10.0%
2290-2299	10.0%
2300-2309	10.0%
2310-2319	10.0%
2320-2329	10.0%
2330-2339	10.0%
2340-2349	10.0%
2350-2359	10.0%
2360-2369	10.0%
2370-2379	10.0%
2380-2389	10.0%
2390-2399	10.0%
2400-2409	10.0%
2410-2419	10.0%
2420-2429	10.0%
2430-2439	10.0%
2440-2449	10.0%
2450-2459	10.0%
2460-2469	10.0%
2470-2479	10.0%
2480-2489	10.0%
2490-2499	10.0%
2500-2509	10.0%
2510-2519	10.0%
2520-2529	10.0%
2530-2539	10.0%
2540-2549	10.0%
2550-2559	10.0%
2560-2569	10.0%
2570-2579	10.0%
2580-2589	10.0%
2590-2599	10.0%
2600-2609	10.0%
2610-2619	10.0%
2620-2629	10.0%
2630-2639	10.0%
2640-2649	10.0%
2650-2659	10.0%
2660-2669	10.0%
2670-2679	10.0%
2680-2689	10.0%
2690-2699	10.0%
2700-2709	10.0%
2710-2719	10.0%
2720-2729	10.0%
2730-2739	10.0%
2740-2749	10.0%
2750-2759	10.0%
2760-2769	10.0%
2770-2779	10.0%
2780-2789	10.0%
2790-2799	10.0%
2800-2809	10.0%
2810-2819	10.0%
2820-2829	10.0%
2830-2839	10.0%
2840-2849	10.0%
2850-2859	10.0%
2860-2869	10.0%
2870-2879	10.0%
2880-2889	10.0%
2890-2899	10.0%
2900-2909	10.0%
2910-2919	10.0%
2920-2929	10.0%
2930-2939	10.0%
2940-2949	10.0%
2950-2959	10.0%
2960-2969	10.0%
2970-2979	10.0%
2980-2989	10.0%
2990-2999	10.0%
3000-3009	10.0%
3010-3019	10.0%
3020-3029	10.0%
3030-3039	10.0%
3040-3049	10.0%
3050-3059	10.0%
3060-3069	10.0%
3070-3079	10.0%
3080-3089	10.0%
3090-3099	10.0%
3100-3109	10.0%
3110-3119	10.0%
3120-3129	10.0%
3130-3139	10.0%
3140-3149	10.0%
3150-3159	10.0%
3160-3169	10.0%
3170-3179	10.0%
3180-3189	10.0%
3190-3199	10.0%
3200-3209	10.0%

5/27/15 2:00P

Soil

South Wall - West

(1) 4oz Jar	Ice/Cool

Date: _____

Time:

Relinquished by:

1981

02-2

1077 (a)

Date: _____

Time:

Relinquished by

Received by:	Date	Time
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Date	Time
------	------

Received By:	Date	Time
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Date	Time
------	------

Remarks: Requesting BTEX and TPH analyses

If necessary, samples submitted to E-1 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
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 22, 2015

Kerry Egan
Agave Energy Company
P.O. Box 158
Artesia, NM 88211
TEL: (575) 513-8988
FAX

RE: Comanche Compressor Station

OrderNo.: 1504561

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/10/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1504561

Date Reported: 4/22/2015

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Agave Energy Company**Client Sample ID:** Plot #4**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 11:45:00 AM**Lab ID:** 1504561-001**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 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	4/14/2015 7:19:12 PM	18641
Surr: DNOP	88.5	63.5-128		%REC	1	4/14/2015 7:19:12 PM	18641
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/14/2015 5:18:26 PM	18665
Surr: BFB	89.9	80-120		%REC	1	4/14/2015 5:18:26 PM	18665
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	4/14/2015 5:18:26 PM	18665
Toluene	ND	0.049		mg/Kg	1	4/14/2015 5:18:26 PM	18665
Ethylbenzene	ND	0.049		mg/Kg	1	4/14/2015 5:18:26 PM	18665
Xylenes, Total	ND	0.099		mg/Kg	1	4/14/2015 5:18:26 PM	18665
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	4/14/2015 5:18:26 PM	18665

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 1 of 6
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **1504561**Date Reported: **4/22/2015****CLIENT:** Agave Energy Company**Client Sample ID:** Plot #5**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 12:00:00 PM**Lab ID:** 1504561-002**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	31	10		mg/Kg	1	4/14/2015 7:40:30 PM	18641
Surr: DNOP	110	63.5-128		%REC	1	4/14/2015 7:40:30 PM	18641
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	28	4.9		mg/Kg	1	4/14/2015 5:47:11 PM	18665
Surr: BFB	256	80-120	S	%REC	1	4/14/2015 5:47:11 PM	18665
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	4/14/2015 5:47:11 PM	18665
Toluene	ND	0.049		mg/Kg	1	4/14/2015 5:47:11 PM	18665
Ethylbenzene	ND	0.049		mg/Kg	1	4/14/2015 5:47:11 PM	18665
Xylenes, Total	ND	0.097		mg/Kg	1	4/14/2015 5:47:11 PM	18665
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	4/14/2015 5:47:11 PM	18665

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: Plot #6

Project: Comanche Compressor Station

Collection Date: 4/7/2015 12:10:00 PM

Lab ID: 1504561-003

Matrix: SOIL

Received Date: 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	31	10		mg/Kg	1	4/14/2015 8:01:57 PM	18641
Surr: DNOP	193	63.5-128	S	%REC	1	4/14/2015 8:01:57 PM	18641
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	38	4.7		mg/Kg	1	4/14/2015 6:15:58 PM	18665
Surr: BFB	311	80-120	S	%REC	1	4/14/2015 6:15:58 PM	18665
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	4/14/2015 6:15:58 PM	18665
Toluene	ND	0.047		mg/Kg	1	4/14/2015 6:15:58 PM	18665
Ethylbenzene	ND	0.047		mg/Kg	1	4/14/2015 6:15:58 PM	18665
Xylenes, Total	ND	0.094		mg/Kg	1	4/14/2015 6:15:58 PM	18665
Surr: 4-Bromofluorobenzene	114	80-120		%REC	1	4/14/2015 6:15:58 PM	18665

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 3 of 6
	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 Not In Range	
	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#: 1504561

22-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18641	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	18641	RunNo:	25489					
Prep Date:	4/13/2015	Analysis Date:	4/14/2015	SeqNo:	754938	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	9.9		10.00		98.8	63.5	128			

Sample ID	LCS-18641	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	18641	RunNo:	25489					
Prep Date:	4/13/2015	Analysis Date:	4/14/2015	SeqNo:	754939	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	91.0	67.8	130			
Surr: DNOP	4.9		5.000		97.6	63.5	128			

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
O RSD is greater than RSDlimit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
P Sample pH Not In Range
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1504561

22-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18665		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	PBS		Batch ID:	18665		RunNo:	25496				
Prep Date:	4/13/2015		Analysis Date:	4/14/2015		SeqNo:	755452		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	870		1000		87.2	80	120				

Sample ID	LCS-18665		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 18665		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755453		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	102	64	130			
Surr: BFB	960		1000		96.3	80	120			

Sample ID	MB-18710		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	PBS		Batch ID:	18710		RunNo:	25555				
Prep Date:	4/15/2015		Analysis Date:	4/16/2015		SeqNo:	757273		Units: %REC		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: BFB	930		1000		93.2	80	120				

Sample ID	LCS-18710		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 18710		RunNo: 25555					
Prep Date:	4/15/2015		Analysis Date: 4/16/2015		SeqNo: 757274		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		95.8	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 Not In Range
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1504561

22-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18665		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	18665		RunNo:	25496			
Prep Date:	4/13/2015		Analysis Date:	4/14/2015		SeqNo:	755514		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	0.98		1.000		97.8	80	120			

Sample ID	LCS-18665		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	18665		RunNo:	25496			
Prep Date:	4/13/2015		Analysis Date:	4/14/2015		SeqNo:	755515		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	111	76.6	128			
Toluene	1.0	0.050	1.000	0	102	75	124			
Ethylbenzene	1.1	0.050	1.000	0	109	79.5	126			
Xylenes, Total	3.3	0.10	3.000	0	110	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	MB-18710		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	18710		RunNo:	25555			
Prep Date:	4/15/2015		Analysis Date:	4/16/2015		SeqNo:	757283		Units: %REC	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	80	120			

Sample ID	LCS-18710		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	18710		RunNo:	25555			
Prep Date:	4/15/2015		Analysis Date:	4/16/2015		SeqNo:	757284		Units: %REC	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		103	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 Not In Range |
| 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: AGAVE ENERGY COMP

Work Order Number: 1504561

RcptNo: 1

Received by/date:

JA 04/10/15

Logged By: Ashley Gallegos

4/10/2015 8:40:00 AM

Completed By: Ashley Gallegos

4/13/2015 12:32:14 PM

Reviewed By:

JA 04/13/15

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? Client

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.9	Good	Not Present			



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

April 20, 2015

Kerry Egan
Agave Energy Company
P.O. Box 158
Artesia, NM 88211
TEL: (575) 513-8988
FAX

RE: Comanche Compressor Station

OrderNo.: 1504480

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/10/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical ReportLab Order **1504480**

Date Reported: 4/20/2015

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Agave Energy Company**Client Sample ID:** Southwall-East**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 12:20:00 PM**Lab ID:** 1504480-001**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	57	9.9		mg/Kg	1	4/14/2015 2:01:13 PM	18621
Surr: DNOP	124	63.5-128		%REC	1	4/14/2015 2:01:13 PM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	25	4.8		mg/Kg	1	4/16/2015 2:40:24 PM	18657
Surr: BFB	290	80-120	S	%REC	1	4/16/2015 2:40:24 PM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	4/15/2015 12:48:48 PM	18657
Toluene	ND	0.048		mg/Kg	1	4/15/2015 12:48:48 PM	18657
Ethylbenzene	ND	0.048		mg/Kg	1	4/15/2015 12:48:48 PM	18657
Xylenes, Total	ND	0.095		mg/Kg	1	4/15/2015 12:48:48 PM	18657
Surr: 4-Bromofluorobenzene	111	80-120		%REC	1	4/15/2015 12:48:48 PM	18657

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical ReportLab Order **1504480**Date Reported: **4/20/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Southwall-Center**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 12:35:00 PM**Lab ID:** 1504480-002**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	11	10		mg/Kg	1	4/14/2015 4:44:47 PM	18621
Surr: DNOP	89.2	63.5-128		%REC	1	4/14/2015 4:44:47 PM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/16/2015 3:09:03 PM	18657
Surr: BFB	120	80-120	S	%REC	1	4/16/2015 3:09:03 PM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	4/15/2015 1:17:31 PM	18657
Toluene	ND	0.047		mg/Kg	1	4/15/2015 1:17:31 PM	18657
Ethylbenzene	ND	0.047		mg/Kg	1	4/15/2015 1:17:31 PM	18657
Xylenes, Total	ND	0.094		mg/Kg	1	4/15/2015 1:17:31 PM	18657
Surr: 4-Bromofluorobenzene	100	80-120		%REC	1	4/15/2015 1:17:31 PM	18657

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 2 of 10
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical ReportLab Order **1504480**Date Reported: **4/20/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Southwall-West**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 12:45:00 PM**Lab ID:** 1504480-003**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	97	10		mg/Kg	1	4/14/2015 5:12:06 PM	18621
Surr: DNOP	95.8	63.5-128		%REC	1	4/14/2015 5:12:06 PM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	52	4.8		mg/Kg	1	4/16/2015 3:37:51 PM	18657
Surr: BFB	408	80-120	S	%REC	1	4/16/2015 3:37:51 PM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	4/15/2015 1:46:13 PM	18657
Toluene	ND	0.048		mg/Kg	1	4/15/2015 1:46:13 PM	18657
Ethylbenzene	ND	0.048		mg/Kg	1	4/15/2015 1:46:13 PM	18657
Xylenes, Total	0.26	0.096		mg/Kg	1	4/15/2015 1:46:13 PM	18657
Surr: 4-Bromofluorobenzene	118	80-120		%REC	1	4/15/2015 1:46:13 PM	18657

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **1504480**Date Reported: **4/20/2015****CLIENT:** Agave Energy Company**Client Sample ID:** Eastwall-Center**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 1:10:00 PM**Lab ID:** 1504480-004**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	96	9.8		mg/Kg	1	4/14/2015 5:39:41 PM	18621
Surr: DNOP	91.4	63.5-128		%REC	1	4/14/2015 5:39:41 PM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	48	4.8		mg/Kg	1	4/14/2015 11:31:36 PM	18657
Surr: BFB	454	80-120	S	%REC	1	4/14/2015 11:31:36 PM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	4/14/2015 11:31:36 PM	18657
Toluene	ND	0.048		mg/Kg	1	4/14/2015 11:31:36 PM	18657
Ethylbenzene	ND	0.048		mg/Kg	1	4/14/2015 11:31:36 PM	18657
Xylenes, Total	0.23	0.097		mg/Kg	1	4/14/2015 11:31:36 PM	18657
Surr: 4-Bromofluorobenzene	126	80-120	S	%REC	1	4/14/2015 11:31:36 PM	18657

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical ReportLab Order **1504480**Date Reported: **4/20/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Eastwall-South**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 1:00:00 PM**Lab ID:** 1504480-005**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 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	4/14/2015 6:07:01 PM	18621
Surr: DNOP	81.3	63.5-128		%REC	1	4/14/2015 6:07:01 PM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/15/2015 12:00:17 AM	18657
Surr: BFB	101	80-120		%REC	1	4/15/2015 12:00:17 AM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	4/15/2015 12:00:17 AM	18657
Toluene	ND	0.049		mg/Kg	1	4/15/2015 12:00:17 AM	18657
Ethylbenzene	ND	0.049		mg/Kg	1	4/15/2015 12:00:17 AM	18657
Xylenes, Total	ND	0.098		mg/Kg	1	4/15/2015 12:00:17 AM	18657
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	4/15/2015 12:00:17 AM	18657

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 5 of 10
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical ReportLab Order **1504480**Date Reported: **4/20/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Eastwall-North**Project:** Comanche Compressor Station**Collection Date:** 4/7/2015 1:25:00 PM**Lab ID:** 1504480-006**Matrix:** SOIL**Received Date:** 4/10/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	1200	99		mg/Kg	10	4/15/2015 11:33:07 AM	18621
Surr: DNOP	0	63.5-128	S	%REC	10	4/15/2015 11:33:07 AM	18621
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	1700	98		mg/Kg	20	4/15/2015 12:28:58 AM	18657
Surr: BFB	701	80-120	S	%REC	20	4/15/2015 12:28:58 AM	18657
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.98		mg/Kg	20	4/15/2015 12:28:58 AM	18657
Toluene	ND	0.98		mg/Kg	20	4/15/2015 12:28:58 AM	18657
Ethylbenzene	ND	0.98		mg/Kg	20	4/15/2015 12:28:58 AM	18657
Xylenes, Total	21	2.0		mg/Kg	20	4/15/2015 12:28:58 AM	18657
Surr: 4-Bromofluorobenzene	138	80-120	S	%REC	20	4/15/2015 12:28:58 AM	18657

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 Not In Range
	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#: 1504480

20-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18621	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	18621	RunNo:	25490					
Prep Date:	4/10/2015	Analysis Date:	4/14/2015	SeqNo:	755186	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	10		10.00		104	63.5	128			

Sample ID	LCS-18621	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	18621	RunNo:	25490					
Prep Date:	4/10/2015	Analysis Date:	4/14/2015	SeqNo:	755187	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.7	67.8	130			
Surr: DNOP	4.8		5.000		96.2	63.5	128			

Sample ID	1504480-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	Southwall-East	Batch ID:	18621	RunNo:	25490					
Prep Date:	4/10/2015	Analysis Date:	4/14/2015	SeqNo:	755189	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	75	10	50.25	57.22	35.7	29.2	176			
Surr: DNOP	5.3		5.025		106	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 Not In Range |
| 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#: 1504480

20-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18665		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 18665		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755452		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		87.2	80	120			

Sample ID	LCS-18665		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 18665		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755453		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.3	80	120			

Sample ID	MB-18657		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	PBS		Batch ID:	18657		RunNo:	25496				
Prep Date:	4/13/2015		Analysis Date:	4/14/2015		SeqNo:	755490		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		89.7	80	120				

Sample ID	LCS-18657		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 18657		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755491		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	102	64	130			
Surr: BFB	970		1000		97.0	80	120			

Sample ID	MB-18710		SampType:	MBLK		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	PBS		Batch ID:	18710		RunNo:	25555				
Prep Date:	4/15/2015		Analysis Date:	4/16/2015		SeqNo:	757273		Units: %REC		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: BFB	930		1000		93.2	80	120				

Sample ID	LCS-18710		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 18710		RunNo: 25555					
Prep Date:	4/15/2015		Analysis Date: 4/16/2015		SeqNo: 757274		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		95.8	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 Not In Range |
| 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#: 1504480

20-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18665		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 18665		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755514		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.98		1.000		97.8	80	120			

Sample ID	LCS-18665		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 18665		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755515		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	MB-18657	SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	PBS	Batch ID:	18657		RunNo:	25496				
Prep Date:	4/13/2015	Analysis Date:	4/14/2015		SeqNo:	755526		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID	LCS-18657		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 18657		RunNo: 25496					
Prep Date:	4/13/2015		Analysis Date: 4/14/2015		SeqNo: 755527		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.050	1.000	0	113	76.6	128			
Toluene	1.0	0.050	1.000	0	103	75	124			
Ethylbenzene	1.1	0.050	1.000	0	110	79.5	126			
Xylenes, Total	3.3	0.10	3.000	0	110	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	80	120			

Sample ID	1504480-002AMS		SampType: MS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	Southwall-Center		Batch ID: 18657		RunNo: 25529					
Prep Date:	4/13/2015		Analysis Date: 4/15/2015		SeqNo: 756562		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.047	0.9363	0	116	69.2	126			
Toluene	1.0	0.047	0.9363	0.009812	111	65.6	128			
Ethylbenzene	1.1	0.047	0.9363	0.01437	117	65.5	138			
Xylenes, Total	3.3	0.094	2.809	0	117	63	139			

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 Not In Range |
| 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#: 1504480

20-Apr-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	1504480-002AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Southwall-Center	Batch ID:	18657	RunNo:	25529					
Prep Date:	4/13/2015	Analysis Date:	4/15/2015	SeqNo:	756562	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		0.9363		108	80	120			

Sample ID	1504480-002AMSD	SampType: MSD			TestCode: EPA Method 8021B: Volatiles					
Client ID:	Southwall-Center	Batch ID: 18657			RunNo: 25529					
Prep Date:	4/13/2015	Analysis Date: 4/15/2015			SeqNo: 756563		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.047	0.9381	0	114	69.2	126	1.02	18.5	
Toluene	1.0	0.047	0.9381	0.009812	109	65.6	128	1.29	20.6	
Ethylbenzene	1.1	0.047	0.9381	0.01437	116	65.5	138	0.434	20.1	
Xylenes, Total	3.3	0.094	2.814	0	117	63	139	0.738	21.1	
Surr: 4-Bromofluorobenzene	0.99		0.9381		106	80	120	0	0	

Sample ID	MB-18710	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	18710	RunNo:	25555					
Prep Date:	4/15/2015	Analysis Date:	4/16/2015	SeqNo:	757283	Units: %REC				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.92		1.000		92.4	80	120			

Sample ID	LCS-18710	SampType: LCS			TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID: 18710			RunNo: 25555					
Prep Date:	4/15/2015	Analysis Date: 4/16/2015			SeqNo: 757284		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		103	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 Not In Range |
| 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: AGAVE ENERGY COMP

Work Order Number: 1504480

RcptNo: 1

Received by/date:

Logged By: Ashley Gallegos

4/10/2015 8:40:00 AM

Completed By: Ashley Gallegos

4/10/2015 12:04:49 PM

Reviewed By:

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 $>0^{\circ}\text{C}$ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.9	Good	Yes			



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

March 30, 2015

Kerry Egan
Agave Energy Company
P.O. Box 158
Artesia, NM 88211
TEL: (575) 513-8988
FAX

RE: Comanche Compressor Station

OrderNo.: 1503C03

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 6 sample(s) on 3/26/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1503C03

Date Reported: 3/30/2015

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Agave Energy Company**Client Sample ID:** Comanche #1**Project:** Comanche Compressor Station**Collection Date:** 3/23/2015 9:30:00 AM**Lab ID:** 1503C03-001**Matrix:** SOIL**Received Date:** 3/26/2015 9:00:00 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	3/27/2015 7:23:16 AM	18352
Surr: DNOP	96.0	63.5-128		%REC	1	3/27/2015 7:23:16 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/27/2015 1:49:33 PM	18358
Surr: BFB	93.3	80-120		%REC	1	3/27/2015 1:49:33 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	3/27/2015 1:49:33 PM	18358
Toluene	ND	0.048		mg/Kg	1	3/27/2015 1:49:33 PM	18358
Ethylbenzene	ND	0.048		mg/Kg	1	3/27/2015 1:49:33 PM	18358
Xylenes, Total	ND	0.097		mg/Kg	1	3/27/2015 1:49:33 PM	18358
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	3/27/2015 1:49:33 PM	18358

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 1 of 9
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical ReportLab Order **1503C03**Date Reported: **3/30/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Comanche #2**Project:** Comanche Compressor Station**Collection Date:** 3/23/2015 9:45:00 AM**Lab ID:** 1503C03-002**Matrix:** SOIL**Received Date:** 3/26/2015 9:00:00 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	3/27/2015 8:44:51 AM	18352
Surr: DNOP	96.3	63.5-128		%REC	1	3/27/2015 8:44:51 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/27/2015 2:18:44 PM	18358
Surr: BFB	88.9	80-120		%REC	1	3/27/2015 2:18:44 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	3/27/2015 2:18:44 PM	18358
Toluene	ND	0.048		mg/Kg	1	3/27/2015 2:18:44 PM	18358
Ethylbenzene	ND	0.048		mg/Kg	1	3/27/2015 2:18:44 PM	18358
Xylenes, Total	ND	0.097		mg/Kg	1	3/27/2015 2:18:44 PM	18358
Surr: 4-Bromofluorobenzene	95.1	80-120		%REC	1	3/27/2015 2:18:44 PM	18358

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 2 of 9
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical ReportLab Order **1503C03**Date Reported: **3/30/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Comanche #3**Project:** Comanche Compressor Station**Collection Date:** 3/23/2015 9:50:00 AM**Lab ID:** 1503C03-003**Matrix:** SOIL**Received Date:** 3/26/2015 9:00:00 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	3/27/2015 9:12:03 AM	18352
Surr: DNOP	97.8	63.5-128		%REC	1	3/27/2015 9:12:03 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/27/2015 11:04:45 PM	18358
Surr: BFB	98.9	80-120		%REC	1	3/27/2015 11:04:45 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	3/27/2015 11:04:45 PM	18358
Toluene	ND	0.048		mg/Kg	1	3/27/2015 11:04:45 PM	18358
Ethylbenzene	ND	0.048		mg/Kg	1	3/27/2015 11:04:45 PM	18358
Xylenes, Total	ND	0.096		mg/Kg	1	3/27/2015 11:04:45 PM	18358
Surr: 4-Bromofluorobenzene	99.5	80-120		%REC	1	3/27/2015 11:04:45 PM	18358

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	Page 3 of 9
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1503C03

Date Reported: 3/30/2015

CLIENT: Agave Energy Company

Client Sample ID: Comanche #4

Project: Comanche Compressor Station

Collection Date: 3/23/2015 10:00:00 AM

Lab ID: 1503C03-004

Matrix: SOIL

Received Date: 3/26/2015 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	180	9.8		mg/Kg	1	3/27/2015 9:39:11 AM	18352
Surr: DNOP	113	63.5-128		%REC	1	3/27/2015 9:39:11 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	320	47		mg/Kg	10	3/27/2015 12:21:51 PM	18358
Surr: BFB	171	80-120	S	%REC	10	3/27/2015 12:21:51 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	3/27/2015 12:21:51 PM	18358
Toluene	ND	0.47		mg/Kg	10	3/27/2015 12:21:51 PM	18358
Ethylbenzene	2.7	0.47		mg/Kg	10	3/27/2015 12:21:51 PM	18358
Xylenes, Total	3.4	0.94		mg/Kg	10	3/27/2015 12:21:51 PM	18358
Surr: 4-Bromofluorobenzene	118	80-120		%REC	10	3/27/2015 12:21:51 PM	18358

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 4 of 9
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1503C03

Date Reported: 3/30/2015

CLIENT: Agave Energy Company

Client Sample ID: Comanche #5

Project: Comanche Compressor Station

Collection Date: 3/23/2015 10:15:00 AM

Lab ID: 1503C03-005

Matrix: SOIL

Received Date: 3/26/2015 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	380	10		mg/Kg	1	3/27/2015 10:06:23 AM	18352
Surr: DNOP	101	63.5-128		%REC	1	3/27/2015 10:06:23 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	1400	47		mg/Kg	10	3/27/2015 12:51:06 PM	18358
Surr: BFB	455	80-120	S	%REC	10	3/27/2015 12:51:06 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	3/27/2015 12:51:06 PM	18358
Toluene	1.5	0.47		mg/Kg	10	3/27/2015 12:51:06 PM	18358
Ethylbenzene	12	0.47		mg/Kg	10	3/27/2015 12:51:06 PM	18358
Xylenes, Total	15	0.95		mg/Kg	10	3/27/2015 12:51:06 PM	18358
Surr: 4-Bromofluorobenzene	211	80-120	S	%REC	10	3/27/2015 12:51:06 PM	18358

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical ReportLab Order **1503C03**Date Reported: **3/30/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** Comanche #6**Project:** Comanche Compressor Station**Collection Date:** 3/23/2015 10:25:00 AM**Lab ID:** 1503C03-006**Matrix:** SOIL**Received Date:** 3/26/2015 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	400	9.9		mg/Kg	1	3/27/2015 11:27:37 AM	18352
Surr: DNOP	101	63.5-128		%REC	1	3/27/2015 11:27:37 AM	18352
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2500	47		mg/Kg	10	3/27/2015 1:20:22 PM	18358
Surr: BFB	630	80-120	S	%REC	10	3/27/2015 1:20:22 PM	18358
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	3/27/2015 1:20:22 PM	18358
Toluene	3.4	0.47		mg/Kg	10	3/27/2015 1:20:22 PM	18358
Ethylbenzene	21	0.47		mg/Kg	10	3/27/2015 1:20:22 PM	18358
Xylenes, Total	33	0.95		mg/Kg	10	3/27/2015 1:20:22 PM	18358
Surr: 4-Bromofluorobenzene	255	80-120	S	%REC	10	3/27/2015 1:20:22 PM	18358

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 Not In Range
	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#: 1503C03

30-Mar-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18352	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	18352	RunNo:	25073					
Prep Date:	3/26/2015	Analysis Date:	3/26/2015	SeqNo:	741333	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	10		10.00		103	63.5	128			

Sample ID	LCS-18352	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	18352	RunNo:	25073					
Prep Date:	3/26/2015	Analysis Date:	3/26/2015	SeqNo:	741334	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.1	67.8	130			
Surr: DNOP	5.0		5.000		100	63.5	128			

Sample ID	1503C03-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	Comanche #1	Batch ID:	18352	RunNo:	25073					
Prep Date:	3/26/2015	Analysis Date:	3/27/2015	SeqNo:	741356	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	9.8	49.21	0	84.2	29.2	176			
Surr: DNOP	4.2		4.921		84.9	63.5	128			

Sample ID	1503C03-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	Comanche #1	Batch ID:	18352	RunNo:	25073					
Prep Date:	3/26/2015	Analysis Date:	3/27/2015	SeqNo:	741358	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	101	29.2	176	20.1	23	
Surr: DNOP	4.9		5.000		98.1	63.5	128	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 Not In Range
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C03

30-Mar-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18358	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	18358	RunNo:	25120					
Prep Date:	3/26/2015	Analysis Date:	3/27/2015	SeqNo:	742138	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.9	80	120			

Sample ID	LCS-18358	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	18358	RunNo:	25120					
Prep Date:	3/26/2015	Analysis Date:	3/27/2015	SeqNo:	742139	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	64	130			
Surr: BFB	870		1000		86.6	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 Not In Range
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C03

30-Mar-15

Client: Agave Energy Company
Project: Comanche Compressor Station

Sample ID	MB-18358		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	18358		RunNo:	25120			
Prep Date:	3/26/2015		Analysis Date:	3/27/2015		SeqNo:	742168		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		113	80	120			

Sample ID	LCS-18358		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	18358		RunNo:	25120			
Prep Date:	3/26/2015		Analysis Date:	3/27/2015		SeqNo:	742169		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.050	1.000	0	98.2	76.6	128			
Toluene	0.92	0.050	1.000	0	92.2	75	124			
Ethylbenzene	0.87	0.050	1.000	0	87.0	79.5	126			
Xylenes, Total	2.7	0.10	3.000	0	89.3	78.8	124			
Surr: 4-Bromofluorobenzene	0.78		1.000		78.0	80	120			S

Sample ID	1503C03-001AMS		SampType:	MS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	Comanche #1		Batch ID:	18358		RunNo:	25120			
Prep Date:	3/26/2015		Analysis Date:	3/27/2015		SeqNo:	742178		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.048	0.9690	0	117	69.2	126			
Toluene	1.1	0.048	0.9690	0.009381	111	65.6	128			
Ethylbenzene	1.0	0.048	0.9690	0.01673	105	65.5	138			
Xylenes, Total	3.1	0.097	2.907	0.02727	107	63	139			
Surr: 4-Bromofluorobenzene	1.0		0.9690		108	80	120			

Sample ID	1503C03-001AMSD		SampType:	MSD		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	Comanche #1		Batch ID:	18358		RunNo:	25120			
Prep Date:	3/26/2015		Analysis Date:	3/27/2015		SeqNo:	742179		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.048	0.9671	0	115	69.2	126	1.71	18.5	
Toluene	1.0	0.048	0.9671	0.009381	105	65.6	128	5.72	20.6	
Ethylbenzene	0.96	0.048	0.9671	0.01673	97.2	65.5	138	8.19	20.1	
Xylenes, Total	3.0	0.097	2.901	0.02727	101	63	139	5.88	21.1	
Surr: 4-Bromofluorobenzene	0.86		0.9671		89.0	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 Not In Range |
| 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: AGAVE ENERGY COMP

Work Order Number: 1503C03

RcptNo: 1

Received by/date:

LM 03/26/15

Logged By: Celina Sessa

3/26/2015 9:00:00 AM

Celina Sessa

Completed By: Celina Sessa

3/26/2015 9:32:57 AM

Celina Sessa

Reviewed By:

JA

03/26/15

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 $>0^{\circ}\text{C}$ 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 ☐ # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted? _____
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 ☐ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Yes			

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

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



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

March 05, 2015

Kerry Egan
Agave Energy Company
P.O. Box 158
Artesia, NM 88211
TEL: (575) 513-8988
FAX

RE: Comanche Cleanup

OrderNo.: 1502B39

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 9 sample(s) on 2/27/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1502B39

Date Reported: 3/5/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: CCS#1

Project: Comanche Cleanup

Collection Date: 2/25/2015 3:10:00 PM

Lab ID: 1502B39-001

Matrix: AQUEOUS

Received Date: 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	1700	99		mg/Kg	10	3/4/2015 12:38:38 PM	17943
Motor Oil Range Organics (MRO)	1300	500		mg/Kg	10	3/4/2015 12:38:38 PM	17943
Surr: DNOP	0	63.5-128	S	%REC	10	3/4/2015 12:38:38 PM	17943
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	5100	240		mg/Kg	50	3/3/2015 10:57:23 AM	17954
Surr: BFB	275	80-120	S	%REC	50	3/3/2015 10:57:23 AM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	3.9	2.4		mg/Kg	50	3/3/2015 10:57:23 AM	17954
Toluene	20	2.4		mg/Kg	50	3/3/2015 10:57:23 AM	17954
Ethylbenzene	16	2.4		mg/Kg	50	3/3/2015 10:57:23 AM	17954
Xylenes, Total	81	4.9		mg/Kg	50	3/3/2015 10:57:23 AM	17954
Surr: 4-Bromofluorobenzene	127	80-120	S	%REC	50	3/3/2015 10:57:23 AM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	2.2	1.5		mg/Kg	1	3/3/2015 12:17:42 PM	17979

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **1502B39**Date Reported: **3/5/2015****CLIENT:** Agave Energy Company**Client Sample ID:** CCS#2**Project:** Comanche Cleanup**Collection Date:** 2/25/2015 3:25:00 PM**Lab ID:** 1502B39-002**Matrix:** AQUEOUS**Received Date:** 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	450	10		mg/Kg	1	3/4/2015 1:43:13 PM	17943
Motor Oil Range Organics (MRO)	320	51		mg/Kg	1	3/4/2015 1:43:13 PM	17943
Surr: DNOP	103	63.5-128		%REC	1	3/4/2015 1:43:13 PM	17943
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	2600	97		mg/Kg	20	3/3/2015 10:55:22 PM	17954
Surr: BFB	467	80-120	S	%REC	20	3/3/2015 10:55:22 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.1	0.97		mg/Kg	20	3/3/2015 10:55:22 PM	17954
Toluene	8.2	0.97		mg/Kg	20	3/3/2015 10:55:22 PM	17954
Ethylbenzene	9.5	0.97		mg/Kg	20	3/3/2015 10:55:22 PM	17954
Xylenes, Total	39	1.9		mg/Kg	20	3/3/2015 10:55:22 PM	17954
Surr: 4-Bromofluorobenzene	136	80-120	S	%REC	20	3/3/2015 10:55:22 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	8.2	1.5		mg/Kg	1	3/3/2015 1:32:08 PM	17979

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **1502B39**Date Reported: **3/5/2015****CLIENT:** Agave Energy Company**Client Sample ID:** CCS#3**Project:** Comanche Cleanup**Collection Date:** 2/25/2015 3:35:00 PM**Lab ID:** 1502B39-003**Matrix:** AQUEOUS**Received Date:** 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	11	10		mg/Kg	1	3/4/2015 2:47:44 PM	17943
Motor Oil Range Organics (MRO)	55	50		mg/Kg	1	3/4/2015 2:47:44 PM	17943
Surr: DNOP	93.0	63.5-128		%REC	1	3/4/2015 2:47:44 PM	17943
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	37	4.8		mg/Kg	1	3/4/2015 12:31:30 PM	17954
Surr: BFB	184	80-120	S	%REC	1	3/4/2015 12:31:30 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	3/4/2015 12:31:30 PM	17954
Toluene	0.13	0.048		mg/Kg	1	3/4/2015 12:31:30 PM	17954
Ethylbenzene	0.13	0.048		mg/Kg	1	3/4/2015 12:31:30 PM	17954
Xylenes, Total	0.55	0.097		mg/Kg	1	3/4/2015 12:31:30 PM	17954
Surr: 4-Bromofluorobenzene	119	80-120		%REC	1	3/4/2015 12:31:30 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	8.9	1.5		mg/Kg	1	3/3/2015 1:56:57 PM	17979

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical Report

Lab Order 1502B39

Date Reported: 3/5/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: CCS#4

Project: Comanche Cleanup

Collection Date: 2/25/2015 3:35:00 PM

Lab ID: 1502B39-004

Matrix: AQUEOUS

Received Date: 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	520	9.8		mg/Kg	1	3/4/2015 3:52:13 PM	17943
Motor Oil Range Organics (MRO)	390	49		mg/Kg	1	3/4/2015 3:52:13 PM	17943
Surr: DNOP	90.3	63.5-128		%REC	1	3/4/2015 3:52:13 PM	17943
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	3800	92		mg/Kg	20	3/4/2015 1:00:14 PM	17954
Surr: BFB	762	80-120	S	%REC	20	3/4/2015 1:00:14 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.3	0.92		mg/Kg	20	3/4/2015 1:00:14 PM	17954
Toluene	5.2	0.92		mg/Kg	20	3/4/2015 1:00:14 PM	17954
Ethylbenzene	ND	0.92		mg/Kg	20	3/4/2015 1:00:14 PM	17954
Xylenes, Total	35	1.8		mg/Kg	20	3/4/2015 1:00:14 PM	17954
Surr: 4-Bromofluorobenzene	157	80-120	S	%REC	20	3/4/2015 1:00:14 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	1.5		mg/Kg	1	3/3/2015 2:21:47 PM	17979

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 4 of 14
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical Report

Lab Order 1502B39

Date Reported: 3/5/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: CCS#5

Project: Comanche Cleanup

Collection Date: 2/25/2015 4:00:00 PM

Lab ID: 1502B39-005

Matrix: AQUEOUS

Received Date: 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	670	10		mg/Kg	1	3/4/2015 5:39:31 PM	17943
Motor Oil Range Organics (MRO)	470	50		mg/Kg	1	3/4/2015 5:39:31 PM	17943
Surr: DNOP	107	63.5-128		%REC	1	3/4/2015 5:39:31 PM	17943
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	4900	240		mg/Kg	50	3/4/2015 1:29:00 PM	17954
Surr: BFB	417	80-120	S	%REC	50	3/4/2015 1:29:00 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.3	0.49		mg/Kg	10	3/3/2015 3:16:05 PM	17954
Toluene	6.9	0.49		mg/Kg	10	3/3/2015 3:16:05 PM	17954
Ethylbenzene	12	0.49		mg/Kg	10	3/3/2015 3:16:05 PM	17954
Xylenes, Total	46	0.97		mg/Kg	10	3/3/2015 3:16:05 PM	17954
Surr: 4-Bromofluorobenzene	226	80-120	S	%REC	10	3/3/2015 3:16:05 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	8.7	1.5		mg/Kg	1	3/3/2015 2:46:36 PM	17979

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical ReportLab Order **1502B39**Date Reported: **3/5/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** CCS#6**Project:** Comanche Cleanup**Collection Date:** 2/25/2015 4:10:00 PM**Lab ID:** 1502B39-006**Matrix:** AQUEOUS**Received Date:** 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	570	9.8		mg/Kg	1	3/4/2015 6:43:56 PM	17944
Motor Oil Range Organics (MRO)	540	49		mg/Kg	1	3/4/2015 6:43:56 PM	17944
Surr: DNOP	114	63.5-128		%REC	1	3/4/2015 6:43:56 PM	17944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	3300	47		mg/Kg	10	3/3/2015 8:03:14 PM	17954
Surr: BFB	682	80-120	S	%REC	10	3/3/2015 8:03:14 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	1.5	0.47		mg/Kg	10	3/3/2015 8:03:14 PM	17954
Toluene	8.4	0.47		mg/Kg	10	3/3/2015 8:03:14 PM	17954
Ethylbenzene	12	0.47		mg/Kg	10	3/3/2015 8:03:14 PM	17954
Xylenes, Total	36	0.95		mg/Kg	10	3/3/2015 8:03:14 PM	17954
Surr: 4-Bromofluorobenzene	177	80-120	S	%REC	10	3/3/2015 8:03:14 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	9.5	1.5		mg/Kg	1	3/3/2015 3:11:26 PM	17979

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 6 of 14
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Analytical ReportLab Order **1502B39**Date Reported: **3/5/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** CCS#7**Project:** Comanche Cleanup**Collection Date:** 2/25/2015 4:20:00 PM**Lab ID:** 1502B39-007**Matrix:** AQUEOUS**Received Date:** 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/4/2015 9:56:51 PM	17944
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/4/2015 9:56:51 PM	17944
Surr: DNOP	91.2	63.5-128		%REC	1	3/4/2015 9:56:51 PM	17944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/3/2015 8:31:59 PM	17954
Surr: BFB	104	80-120		%REC	1	3/3/2015 8:31:59 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	3/3/2015 8:31:59 PM	17954
Toluene	ND	0.047		mg/Kg	1	3/3/2015 8:31:59 PM	17954
Ethylbenzene	ND	0.047		mg/Kg	1	3/3/2015 8:31:59 PM	17954
Xylenes, Total	ND	0.094		mg/Kg	1	3/3/2015 8:31:59 PM	17954
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	3/3/2015 8:31:59 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	1.5		mg/Kg	1	3/3/2015 4:01:05 PM	17979

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 Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Analytical ReportLab Order **1502B39**Date Reported: **3/5/2015****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Agave Energy Company**Client Sample ID:** CCS#8**Project:** Comanche Cleanup**Collection Date:** 2/25/2015 4:35:00 PM**Lab ID:** 1502B39-008**Matrix:** AQUEOUS**Received Date:** 2/27/2015 1:54:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/4/2015 3:25:09 AM	17944
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/4/2015 3:25:09 AM	17944
Surr: DNOP	94.9	63.5-128		%REC	1	3/4/2015 3:25:09 AM	17944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/4/2015 1:57:43 PM	17954
Surr: BFB	100	80-120		%REC	1	3/4/2015 1:57:43 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	3/4/2015 1:57:43 PM	17954
Toluene	ND	0.049		mg/Kg	1	3/4/2015 1:57:43 PM	17954
Ethylbenzene	ND	0.049		mg/Kg	1	3/4/2015 1:57:43 PM	17954
Xylenes, Total	ND	0.098		mg/Kg	1	3/4/2015 1:57:43 PM	17954
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	3/4/2015 1:57:43 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	2.3	1.5		mg/Kg	1	3/3/2015 4:25:54 PM	17979

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 8 of 14
	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 Not In Range	
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
	S	Spike Recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1502B39

Date Reported: 3/5/2015

CLIENT: Agave Energy Company

Client Sample ID: CCS#9

Project: Comanche Cleanup

Collection Date: 2/25/2015 4:45:00 PM

Lab ID: 1502B39-009

Matrix: AQUEOUS

Received Date: 2/27/2015 1:54:00 PM

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	3/4/2015 3:46:51 AM	17944
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/4/2015 3:46:51 AM	17944
Surr: DNOP	91.8	63.5-128		%REC	1	3/4/2015 3:46:51 AM	17944
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/4/2015 2:26:28 PM	17954
Surr: BFB	95.3	80-120		%REC	1	3/4/2015 2:26:28 PM	17954
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/4/2015 2:26:28 PM	17954
Toluene	ND	0.050		mg/Kg	1	3/4/2015 2:26:28 PM	17954
Ethylbenzene	ND	0.050		mg/Kg	1	3/4/2015 2:26:28 PM	17954
Xylenes, Total	ND	0.099		mg/Kg	1	3/4/2015 2:26:28 PM	17954
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	3/4/2015 2:26:28 PM	17954
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	1.5		mg/Kg	1	3/3/2015 4:50:43 PM	17979

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 9 of 14
	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 Not In Range	
	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#: 1502B39

05-Mar-15

Client: Agave Energy Company

Project: Comanche Cleanup

Sample ID	MB-17979	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	17979	RunNo:	24616					
Prep Date:	3/3/2015	Analysis Date:	3/3/2015	SeqNo:	725530	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-17979	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	17979	RunNo:	24616					
Prep Date:	3/3/2015	Analysis Date:	3/3/2015	SeqNo:	725531	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	90	110			

Sample ID	1502B39-001AMS	SampType:	MS	TestCode:	EPA Method 300.0: Anions					
Client ID:	CCS#1	Batch ID:	17979	RunNo:	24616					
Prep Date:	3/3/2015	Analysis Date:	3/3/2015	SeqNo:	725537	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	2.179	86.5	71.6	122			

Sample ID	1502B39-001AMSD	SampType:	MSD	TestCode:	EPA Method 300.0: Anions					
Client ID:	CCS#1	Batch ID:	17979	RunNo:	24616					
Prep Date:	3/3/2015	Analysis Date:	3/3/2015	SeqNo:	725538	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	2.179	88.4	71.6	122	1.86	20	

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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502B39

05-Mar-15

Client: Agave Energy Company

Project: Comanche Cleanup

Sample ID	MB-17944		SampType:	MBLK		TestCode:	EPA Method 8015D: Diesel Range Organics				
Client ID:	PBS		Batch ID:	17944		RunNo:	24598				
Prep Date:	3/2/2015		Analysis Date:	3/3/2015		SeqNo:	724541		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10		10.00		103	63.5	128				

Sample ID	LCS-17944		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 17944		RunNo: 24598					
Prep Date:	3/2/2015		Analysis Date: 3/3/2015		SeqNo: 724545		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	95.1	67.8	130			
Surr: DNOP	4.7		5.000		93.5	63.5	128			

Sample ID	LCS-17943		SampType:	LCS		TestCode:	EPA Method 8015D: Diesel Range Organics				
Client ID:	LCSS		Batch ID:	17943		RunNo:	24598				
Prep Date:	3/2/2015		Analysis Date:	3/3/2015		SeqNo:	724567		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	44	10	50.00	0	88.9	67.8	130				
Surr: DNOP	4.2		5.000		84.9	63.5	128				

Sample ID	MB-17943	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	17943	RunNo:	24598					
Prep Date:	3/2/2015	Analysis Date:	3/3/2015	SeqNo:	724568	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.2		10.00		82.5	63.5	128			

Sample ID	MB-17970		SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 17970		RunNo: 24598					
Prep Date:	3/3/2015		Analysis Date: 3/4/2015		SeqNo: 724931		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.2		10.00		82.2	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502B39

05-Mar-15

Client: Agave Energy Company

Project: Comanche Cleanup

Sample ID	LCS-17970		SampType:	LCS		TestCode:	EPA Method 8015D: Diesel Range Organics				
Client ID:	LCSS		Batch ID:	17970		RunNo:	24598				
Prep Date:	3/3/2015		Analysis Date:	3/4/2015		SeqNo:	724932		Units: %REC		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	4.4		5.000		87.1	63.5	128				

Sample ID	1502B39-006AMS		SampType: MS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	CCS#6		Batch ID: 17944		RunNo: 24613					
Prep Date:	3/2/2015		Analysis Date: 3/4/2015		SeqNo: 726160		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	570	9.9	49.55	570.6	2.12	29.2	176			S
Surr: DNOP	6.6		4.955		132	63.5	128			S

Sample ID	1502B39-006AMSD		SampType: MSD		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	CCS#6		Batch ID: 17944		RunNo: 24613					
Prep Date:	3/2/2015		Analysis Date: 3/4/2015		SeqNo: 726161		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	560	10	50.51	570.6	-25.5	29.2	176	2.47	23	S
Surr: DNOP	6.6		5.051		131	63.5	128	0	0	S

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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502B39

05-Mar-15

Client: Agave Energy Company

Project: Comanche Cleanup

Sample ID	MB-17954	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	17954	RunNo:	24610					
Prep Date:	3/2/2015	Analysis Date:	3/3/2015	SeqNo:	725307	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

910

1000

91.5

80

120

Sample ID	LCS-17954	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	17954	RunNo:	24610					
Prep Date:	3/2/2015	Analysis Date:	3/3/2015	SeqNo:	725309	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

102

64

130

Surr: BFB

990

1000

98.9

80

120

Sample ID	MB-17982	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	17982	RunNo:	24632					
Prep Date:	3/3/2015	Analysis Date:	3/4/2015	SeqNo:	725905	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Surr: BFB

920

1000

92.1

80

120

Sample ID	LCS-17982	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	17982	RunNo:	24632					
Prep Date:	3/3/2015	Analysis Date:	3/4/2015	SeqNo:	725906	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
- 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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1502B39

05-Mar-15

Client: Agave Energy Company

Project: Comanche Cleanup

Sample ID	MB-17954		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	17954		RunNo:	24610			
Prep Date:	3/2/2015		Analysis Date:	3/3/2015		SeqNo:	725380		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID	LCS-17954		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	17954		RunNo:	24610			
Prep Date:	3/2/2015		Analysis Date:	3/3/2015		SeqNo:	725382		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.050	1.000	0	115	80	120			
Toluene	1.2	0.050	1.000	0	116	80	120			
Ethylbenzene	1.1	0.050	1.000	0	113	80	120			
Xylenes, Total	3.3	0.10	3.000	0	112	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	MB-17982		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	17982		RunNo:	24632			
Prep Date:	3/3/2015		Analysis Date:	3/4/2015		SeqNo:	725928		Units: %REC	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	LCS-17982		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	17982		RunNo:	24632			
Prep Date:	3/3/2015		Analysis Date:	3/4/2015		SeqNo:	725929		Units: %REC	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		108	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 Not In Range
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: AGAVE ENERGY COMP

Work Order Number: 1502B39

ReptNo: 1

Received by/date:

CS 02/27/15

Logged By: Ashley Gallegos

2/27/2015 1:54:00 PM

AG

Completed By: Ashley Gallegos

2/27/2015 2:11:49 PM

AG

Reviewed By:

[Signature] 02/27/15

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 $>0^{\circ}\text{C}$ 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 $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

Project Name:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Phone #: (575) 513-8988

OA/OC Package-

Accreditation:

☐ EDD (Type) _____

On Ice:	☒ Yes	☐ No
---------	---	-----------------------------

Sample temperature:	7.0
---------------------	-----

Container	Preservative
-----------	--------------

Type and #	Type
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--	--

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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(1) 402 jar	Ice/Cool
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(1) 4oz jar	Ice/Cool
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[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Ice/Conc	(1) 4oz jar
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(1) 4oz jar	Ice/Cool
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[illegible][illegible]Date: _____
Time: _____
Examining Officer: _____

Date:	Time:	Relinquished by:
12/1/2011	1:00 PM	12/1/2011

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Received by:

1-10

Date	Time
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It should be noted that any sub-contracted data will be clearly notated on the analytical report. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.