



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

March 11, 2016

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

RE: Dark Canyon

OrderNo.: 1603356

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 5 sample(s) on 3/8/2016 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1603356

Date Reported: 3/11/2016

**CLIENT:** Agave Energy Company

**Client Sample ID:** Dark Canyon #1a

**Project:** Dark Canyon

**Collection Date:** 2/26/2016 2:00:00 PM

**Lab ID:** 1603356-001

**Matrix:** SOIL

**Received Date:** 3/8/2016 9:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	2800	450		mg/Kg	100	3/10/2016 2:55:00 PM	24185
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	1900	96		mg/Kg	10	3/9/2016 9:29:20 AM	24133
Surr: DNOP	0	70-130	S	%Rec	10	3/9/2016 9:29:20 AM	24133
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	240	19		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Surr: BFB	375	66.2-112	S	%Rec	4	3/9/2016 12:54:59 PM	24131
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.38		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Benzene	ND	0.095		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Toluene	0.33	0.19		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Ethylbenzene	0.45	0.19		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Xylenes, Total	3.7	0.38		mg/Kg	4	3/9/2016 12:54:59 PM	24131
Surr: 4-Bromofluorobenzene	125	80-120	S	%Rec	4	3/9/2016 12:54:59 PM	24131

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1603356

Date Reported: 3/11/2016

**CLIENT:** Agave Energy Company

**Client Sample ID:** Dark Canyon #1b

**Project:** Dark Canyon

**Collection Date:** 2/26/2016 2:15:00 PM

**Lab ID:** 1603356-002

**Matrix:** SOIL

**Received Date:** 3/8/2016 9:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	910	30		mg/Kg	20	3/9/2016 2:12:09 PM	24185
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	25	9.4		mg/Kg	1	3/9/2016 12:30:31 PM	24133
Surr: DNOP	106	70-130		%Rec	1	3/9/2016 12:30:31 PM	24133
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	15	4.9		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Surr: BFB	170	66.2-112	S	%Rec	1	3/9/2016 2:05:17 PM	24131
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Benzene	ND	0.024		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Toluene	0.16	0.049		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Ethylbenzene	0.44	0.049		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Xylenes, Total	0.67	0.098		mg/Kg	1	3/9/2016 2:05:17 PM	24131
Surr: 4-Bromofluorobenzene	124	80-120	S	%Rec	1	3/9/2016 2:05:17 PM	24131

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1603356

Date Reported: 3/11/2016

**CLIENT:** Agave Energy Company

**Client Sample ID:** Dark Canyon #1c

**Project:** Dark Canyon

**Collection Date:** 2/26/2016 2:30:00 PM

**Lab ID:** 1603356-003

**Matrix:** SOIL

**Received Date:** 3/8/2016 9:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	850	30		mg/Kg	20	3/9/2016 2:24:34 PM	24185
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	18	9.4		mg/Kg	1	3/9/2016 1:13:45 PM	24133
Surr: DNOP	97.8	70-130		%Rec	1	3/9/2016 1:13:45 PM	24133
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Surr: BFB	126	66.2-112	S	%Rec	1	3/9/2016 2:28:53 PM	24131
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Benzene	ND	0.024		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Toluene	ND	0.049		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2016 2:28:53 PM	24131
Surr: 4-Bromofluorobenzene	115	80-120		%Rec	1	3/9/2016 2:28:53 PM	24131

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1603356**Date Reported: **3/11/2016****CLIENT:** Agave Energy Company**Client Sample ID:** Dark Canyon #2a**Project:** Dark Canyon**Collection Date:** 2/26/2016 3:00:00 PM**Lab ID:** 1603356-004**Matrix:** SOIL**Received Date:** 3/8/2016 9:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	ND	30		mg/Kg	20	3/9/2016 2:36:58 PM	24185
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/9/2016 11:47:33 AM	24133
Surr: DNOP	115	70-130		%Rec	1	3/9/2016 11:47:33 AM	24133
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Surr: BFB	125	66.2-112	S	%Rec	1	3/9/2016 2:52:30 PM	24131
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.092		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Benzene	ND	0.023		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Toluene	0.15	0.046		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Ethylbenzene	0.26	0.046		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Xylenes, Total	0.49	0.092		mg/Kg	1	3/9/2016 2:52:30 PM	24131
Surr: 4-Bromofluorobenzene	119	80-120		%Rec	1	3/9/2016 2:52:30 PM	24131

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1603356**Date Reported: **3/11/2016****CLIENT:** Agave Energy Company**Client Sample ID:** Dark Canyon #2b**Project:** Dark Canyon**Collection Date:** 2/26/2016 3:20:00 PM**Lab ID:** 1603356-005**Matrix:** SOIL**Received Date:** 3/8/2016 9:25:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LGT</b>
Chloride	ND	30		mg/Kg	20	3/9/2016 3:14:12 PM	24185
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>KJH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/9/2016 12:08:58 PM	24133
Surr: DNOP	90.5	70-130		%Rec	1	3/9/2016 12:08:58 PM	24133
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Surr: BFB	121	66.2-112	S	%Rec	1	3/9/2016 3:16:02 PM	24131
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.093		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Benzene	ND	0.023		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Toluene	0.15	0.046		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Ethylbenzene	0.20	0.046		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Xylenes, Total	0.36	0.093		mg/Kg	1	3/9/2016 3:16:02 PM	24131
Surr: 4-Bromofluorobenzene	120	80-120	S	%Rec	1	3/9/2016 3:16:02 PM	24131

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1603356

11-Mar-16

Client: Agave Energy Company

Project: Dark Canyon

Sample ID	MB-24185		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	24185		RunNo:	32693				
Prep Date:	3/9/2016		Analysis Date:	3/9/2016		SeqNo:	1000596		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-24185		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 24185		RunNo: 32693					
Prep Date:	3/9/2016		Analysis Date: 3/9/2016		SeqNo: 1000597		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
R RPD outside accepted recovery limits  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1603356

11-Mar-16

Client: Agave Energy Company

Project: Dark Canyon

Sample ID	MB-24133		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 24133		RunNo: 32661					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 999356		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	11		10.00		114	70	130			

Sample ID	LCS-24133		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 24133		RunNo: 32661					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 999363		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	121	65.8	136			
Surr: DNOP	5.1		5.000		101	70	130			

Sample ID	LCS-24181			SampType:	LCS			TestCode:	EPA Method 8015M/D: Diesel Range Organics		
Client ID:	LCSS			Batch ID:	24181			RunNo:	32689		
Prep Date:	3/10/2016			Analysis Date:	3/10/2016			SeqNo:	1000578		
								Units:	%Rec		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	4.6		5.000		92.4	70	130				

Sample ID	MB-24181		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 24181		RunNo: 32689					
Prep Date:	3/10/2016		Analysis Date: 3/10/2016		SeqNo: 1000579		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.2	70	130			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
R RPD outside accepted recovery limits  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1603356

11-Mar-16

Client: Agave Energy Company

Project: Dark Canyon

Sample ID	MB-24131		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 24131		RunNo: 32666					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 1000133		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	1000		1000		105	66.2	112			

Sample ID	LCS-24131		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 24131		RunNo: 32666					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 1000134		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.0	80	120			
Surr: BFB	1100		1000		110	66.2	112			

Sample ID	1603356-001AMS		SampType: MS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	Dark Canyon #1a		Batch ID: 24131		RunNo: 32666					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 1000140		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	350	20	99.70	242.3	104	59.3	143			
Surr: BFB	18000		3988		453	66.2	112			S

Sample ID	1603356-001AMSD		SampType:	MSD		TestCode:	EPA Method 8015D: Gasoline Range				
Client ID:	Dark Canyon #1a		Batch ID:	24131		RunNo:	32666				
Prep Date:	3/8/2016		Analysis Date:	3/9/2016		SeqNo:	1000141		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	310	20	99.21	242.3	65.5	59.3	143	11.9	20		
Surr: BFB	16000		3968		410	66.2	112	0	0	S	

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
R RPD outside accepted recovery limits  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1603356

11-Mar-16

Client: Agave Energy Company

Project: Dark Canyon

Sample ID	MB-24131		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 24131		RunNo: 32666					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 1000154		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	LCS-24131		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 24131		RunNo: 32666					
Prep Date:	3/8/2016		Analysis Date: 3/9/2016		SeqNo: 1000155		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.72	0.10	1.000	0	72.2	67.2	121			
Benzene	0.83	0.025	1.000	0	83.1	80	120			
Toluene	0.87	0.050	1.000	0	87.2	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.5	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified



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: 1603356

RcptNo: 1

Received by/date: JA 03/08/16

Logged By: Ashley Gallegos 3/8/2016 9:25:00 AM AG

Completed By: Ashley Gallegos 3/8/2016 9:47:26 AM AG

Reviewed By: JA 03/08/16

### Chain of Custody

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

### Log In

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

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

### Special Handling (if applicable)

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

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

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.9	Good	Yes			

