

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

September 23, 2016

Kerry Egan Agave Energy Company P.O. Box 158 Artesia, NM 88211

TEL: (575) 513-8988

FAX

RE: Campbell Road Leak OrderNo.: 1609C73

Dear Kerry Egan:

Hall Environmental Analysis Laboratory received 12 sample(s) on 9/22/2016 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 or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/23/2016

CLIENT: Agave Energy Company Client Sample ID: (T-3M-N) North

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-001
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 1:20:53 PM	27672
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analys	t: AG
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 11:49:09 AM	M37409
Surr: BFB	105	70-130	%Rec	1	9/22/2016 11:49:09 AM	M37409
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS	}			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/22/2016 11:44:14 AM	1 27651
Surr: DNOP	92.6	70-130	%Rec	1	9/22/2016 11:44:14 AM	1 27651
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analys	t: AG
Benzene	ND	0.017	mg/Kg	1	9/22/2016 11:49:09 AM	1 S37409
Toluene	ND	0.034	mg/Kg	1	9/22/2016 11:49:09 AM	1 S37409
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 11:49:09 AM	1 S37409
Xylenes, Total	ND	0.069	mg/Kg	1	9/22/2016 11:49:09 AM	1 S37409
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	1	9/22/2016 11:49:09 AM	1 S37409
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	9/22/2016 11:49:09 AM	1 S37409
Surr: Dibromofluoromethane	106	70-130	%Rec	1	9/22/2016 11:49:09 AM	1 S37409
Surr: Toluene-d8	95.2	70-130	%Rec	1	9/22/2016 11:49:09 AM	1 S37409

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company Client Sample ID: (T-3M-N) East

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-002
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 1:33:18 PM	27672
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst	: AG
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	9/22/2016 12:17:56 PM	M37409
Surr: BFB	105	70-130	%Rec	1	9/22/2016 12:17:56 PM	M37409
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	3			Analyst	:: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/22/2016 12:06:00 PM	1 27651
Surr: DNOP	95.3	70-130	%Rec	1	9/22/2016 12:06:00 PM	1 27651
EPA METHOD 8260B: VOLATILES S	SHORT LIST				Analyst	: AG
Benzene	ND	0.018	mg/Kg	1	9/22/2016 12:17:56 PM	S37409
Toluene	ND	0.036	mg/Kg	1	9/22/2016 12:17:56 PM	S37409
Ethylbenzene	ND	0.036	mg/Kg	1	9/22/2016 12:17:56 PM	S37409
Xylenes, Total	ND	0.072	mg/Kg	1	9/22/2016 12:17:56 PM	S37409
Surr: 1,2-Dichloroethane-d4	94.4	70-130	%Rec	1	9/22/2016 12:17:56 PM	S37409
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	9/22/2016 12:17:56 PM	S37409
Surr: Dibromofluoromethane	107	70-130	%Rec	1	9/22/2016 12:17:56 PM	S37409
Surr: Toluene-d8	96.3	70-130	%Rec	1	9/22/2016 12:17:56 PM	S37409

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 19
	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.

Date Reported: 9/23/2016

CLIENT: Agave Energy Company

Client Sample ID: (T-3M-N) South

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-003
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 1:45:42 PM	27672
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analys	t: AG
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 12:46:45 PM	И M37409
Surr: BFB	101	70-130	%Rec	1	9/22/2016 12:46:45 PM	M37409
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS	3			Analys	t: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/22/2016 12:27:50 PM	A 27651
Surr: DNOP	97.2	70-130	%Rec	1	9/22/2016 12:27:50 PM	A 27651
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analys	t: AG
Benzene	ND	0.017	mg/Kg	1	9/22/2016 12:46:45 PM	/ S37409
Toluene	ND	0.034	mg/Kg	1	9/22/2016 12:46:45 PM	/ S37409
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 12:46:45 PM	/I S37409
Xylenes, Total	ND	0.067	mg/Kg	1	9/22/2016 12:46:45 PM	/I S37409
Surr: 1,2-Dichloroethane-d4	96.5	70-130	%Rec	1	9/22/2016 12:46:45 PM	/ S37409
Surr: 4-Bromofluorobenzene	92.3	70-130	%Rec	1	9/22/2016 12:46:45 PM	/ S37409
Surr: Dibromofluoromethane	108	70-130	%Rec	1	9/22/2016 12:46:45 PM	/ S37409
Surr: Toluene-d8	93.4	70-130	%Rec	1	9/22/2016 12:46:45 PM	/ S37409

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 19
	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

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/23/2016

CLIENT: Agave Energy Company Client Sample ID: (T-3M-N) West

 Project:
 Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID:
 1609C73-004
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 1:58:07 PM	27672
EPA METHOD 8015D MOD: GASOLIN	IE RANGE				Analyst	: AG
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 1:15:39 PM	M37409
Surr: BFB	106	70-130	%Rec	1	9/22/2016 1:15:39 PM	M37409
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS	;			Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/22/2016 12:49:23 PM	27651
Surr: DNOP	96.6	70-130	%Rec	1	9/22/2016 12:49:23 PM	27651
EPA METHOD 8260B: VOLATILES SH	HORT LIST				Analyst	: AG
Benzene	ND	0.017	mg/Kg	1	9/22/2016 1:15:39 PM	S37409
Toluene	ND	0.034	mg/Kg	1	9/22/2016 1:15:39 PM	S37409
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 1:15:39 PM	S37409
Xylenes, Total	ND	0.068	mg/Kg	1	9/22/2016 1:15:39 PM	S37409
Surr: 1,2-Dichloroethane-d4	98.7	70-130	%Rec	1	9/22/2016 1:15:39 PM	S37409
Surr: 4-Bromofluorobenzene	92.4	70-130	%Rec	1	9/22/2016 1:15:39 PM	S37409
Surr: Dibromofluoromethane	105	70-130	%Rec	1	9/22/2016 1:15:39 PM	S37409
Surr: Toluene-d8	92.0	70-130	%Rec	1	9/22/2016 1:15:39 PM	S37409

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

Qualifiers: Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 4 of 19 Н Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range R RPD outside accepted recovery limits RL Reporting Detection Limit

% Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/23/2016

CLIENT: Agave Energy Company Client Sample ID: (T-4F-S) North

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-005
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 2:10:31 PM	27672
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst	: AG
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	9/22/2016 1:44:29 PM	M37409
Surr: BFB	102	70-130	%Rec	1	9/22/2016 1:44:29 PM	M37409
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS	3			Analyst	:: TOM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	9/22/2016 1:11:11 PM	27651
Surr: DNOP	99.3	70-130	%Rec	1	9/22/2016 1:11:11 PM	27651
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst	: AG
Benzene	ND	0.018	mg/Kg	1	9/22/2016 1:44:29 PM	S37409
Toluene	ND	0.036	mg/Kg	1	9/22/2016 1:44:29 PM	S37409
Ethylbenzene	ND	0.036	mg/Kg	1	9/22/2016 1:44:29 PM	S37409
Xylenes, Total	ND	0.073	mg/Kg	1	9/22/2016 1:44:29 PM	S37409
Surr: 1,2-Dichloroethane-d4	95.7	70-130	%Rec	1	9/22/2016 1:44:29 PM	S37409
Surr: 4-Bromofluorobenzene	90.1	70-130	%Rec	1	9/22/2016 1:44:29 PM	S37409
Surr: Dibromofluoromethane	109	70-130	%Rec	1	9/22/2016 1:44:29 PM	S37409
Surr: Toluene-d8	94.9	70-130	%Rec	1	9/22/2016 1:44:29 PM	S37409

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 19
	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

Sample container temperature is out of limit as specified

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: (T-4F-S) East

 Project:
 Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID:
 1609C73-006
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 2:22:56 PM	27672
EPA METHOD 8015D MOD: GASOLIN	IE RANGE				Analyst	: AG
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 2:13:19 PM	M37409
Surr: BFB	103	70-130	%Rec	1	9/22/2016 2:13:19 PM	M37409
EPA METHOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	9/22/2016 1:32:45 PM	27651
Surr: DNOP	96.8	70-130	%Rec	1	9/22/2016 1:32:45 PM	27651
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst	: AG
Benzene	ND	0.017	mg/Kg	1	9/22/2016 2:13:19 PM	S37409
Toluene	ND	0.034	mg/Kg	1	9/22/2016 2:13:19 PM	S37409
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 2:13:19 PM	S37409
Xylenes, Total	ND	0.068	mg/Kg	1	9/22/2016 2:13:19 PM	S37409
Surr: 1,2-Dichloroethane-d4	98.7	70-130	%Rec	1	9/22/2016 2:13:19 PM	S37409
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	9/22/2016 2:13:19 PM	S37409
Surr: Dibromofluoromethane	107	70-130	%Rec	1	9/22/2016 2:13:19 PM	S37409
Surr: Toluene-d8	93.0	70-130	%Rec	1	9/22/2016 2:13:19 PM	S37409

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

Qualifiers: Value exceeds Maximum Contaminant Level. Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Е Value above quantitation range Analyte detected below quantitation limits Page 6 of 19 Н Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P Sample pH Not In Range R RPD outside accepted recovery limits RL Reporting Detection Limit

% Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/23/2016

CLIENT: Agave Energy Company Client Sample ID: (T-4F-S) South

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-007
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 2:35:21 PM	27672
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analyst	TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	9/22/2016 1:31:12 PM	27651
Surr: DNOP	95.0	70-130	%Rec	1	9/22/2016 1:31:12 PM	27651
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 11:38:41 AM	SG37405
Surr: BFB	82.4	68.3-144	%Rec	1	9/22/2016 11:38:41 AM	SG37405
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.017	mg/Kg	1	9/22/2016 11:38:41 AM	SB37405
Toluene	ND	0.034	mg/Kg	1	9/22/2016 11:38:41 AM	SB37405
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 11:38:41 AM	SB37405
Xylenes, Total	ND	0.068	mg/Kg	1	9/22/2016 11:38:41 AM	SB37405
Surr: 4-Bromofluorobenzene	99.8	80-120	%Rec	1	9/22/2016 11:38:41 AM	SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 7 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company Client Sample ID: (T-4F-S) West

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-008
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	:: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 2:47:46 PM	27672
EPA METHOD 8015M/D: DIESEL RANG	E ORGANIC	S			Analyst	:: TOM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/22/2016 1:09:18 PM	27651
Surr: DNOP	90.3	70-130	%Rec	1	9/22/2016 1:09:18 PM	27651
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	9/22/2016 12:02:50 PM	1 SG3740t
Surr: BFB	86.6	68.3-144	%Rec	1	9/22/2016 12:02:50 PM	I SG37405
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1	9/22/2016 12:02:50 PM	SB37405
Toluene	ND	0.033	mg/Kg	1	9/22/2016 12:02:50 PM	SB37405
Ethylbenzene	ND	0.033	mg/Kg	1	9/22/2016 12:02:50 PM	1 SB37405
Xylenes, Total	ND	0.066	mg/Kg	1	9/22/2016 12:02:50 PM	1 SB37405
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	9/22/2016 12:02:50 PM	SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 8 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: (T-6F-S) North

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-009
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 3:25:00 PM	27672
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS	S			Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	9/22/2016 12:47:19 PM	27651
Surr: DNOP	89.8	70-130	%Rec	1	9/22/2016 12:47:19 PM	27651
EPA METHOD 8015D: GASOLINE RANG	iΕ				Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/22/2016 12:27:10 PM	SG37405
Surr: BFB	91.7	68.3-144	%Rec	1	9/22/2016 12:27:10 PM	SG37405
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	9/22/2016 12:27:10 PM	SB37405
Toluene	ND	0.034	mg/Kg	1	9/22/2016 12:27:10 PM	SB37405
Ethylbenzene	ND	0.034	mg/Kg	1	9/22/2016 12:27:10 PM	SB37405
Xylenes, Total	ND	0.069	mg/Kg	1	9/22/2016 12:27:10 PM	SB37405
Surr: 4-Bromofluorobenzene	112	80-120	%Rec	1	9/22/2016 12:27:10 PM	SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 9 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company Client Sample ID: (T-6F-S) East

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-010
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 3:37:24 PM	27672
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	9/22/2016 12:25:27 PM	1 27651
Surr: DNOP	92.4	70-130	%Rec	1	9/22/2016 12:25:27 PM	1 27651
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	9/22/2016 12:51:30 PM	1 SG37405
Surr: BFB	85.4	68.3-144	%Rec	1	9/22/2016 12:51:30 PM	1 SG37405
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.018	mg/Kg	1	9/22/2016 12:51:30 PM	M SB37405
Toluene	ND	0.035	mg/Kg	1	9/22/2016 12:51:30 PM	M SB37405
Ethylbenzene	ND	0.035	mg/Kg	1	9/22/2016 12:51:30 PM	1 SB37405
Xylenes, Total	ND	0.070	mg/Kg	1	9/22/2016 12:51:30 PM	M SB37405
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	9/22/2016 12:51:30 PM	1 SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 10 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company

Client Sample ID: (T-6F-S) South

 Project:
 Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID:
 1609C73-011
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses Result **PQL Qual Units DF** Date Analyzed Batch Analyst: LGT **EPA METHOD 300.0: ANIONS** Chloride ND 30 mg/Kg 9/22/2016 3:49:49 PM 27672 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND mg/Kg 9/22/2016 12:03:22 PM 27651 9.5 Surr: DNOP 91.9 70-130 %Rec 9/22/2016 12:03:22 PM 27651 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) 9/22/2016 1:15:47 PM ND 3.6 mg/Kg SG37405 Surr: BFB 91.6 68.3-144 %Rec 9/22/2016 1:15:47 PM SG37405 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 9/22/2016 1:15:47 PM SB37405 Benzene 0.018 mg/Kg Toluene ND 0.036 mg/Kg 1 9/22/2016 1:15:47 PM SB37405 Ethylbenzene ND 0.036 mg/Kg 9/22/2016 1:15:47 PM SB37405 1 Xylenes, Total ND 0.072 mg/Kg 9/22/2016 1:15:47 PM SB37405 Surr: 4-Bromofluorobenzene 111 80-120 %Rec 9/22/2016 1:15:47 PM SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit Page 11 of 19
	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

Date Reported: 9/23/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Agave Energy Company Client Sample ID: (T-6F-S) West

Project: Campbell Road Leak
 Collection Date: 9/20/2016 11:00:00 AM

 Lab ID: 1609C73-012
 Matrix: MEOH (SOIL)
 Received Date: 9/22/2016 10:10:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: LGT
Chloride	ND	30	mg/Kg	20	9/22/2016 4:02:13 PM	27672
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	9/22/2016 11:41:28 AM	1 27651
Surr: DNOP	90.9	70-130	%Rec	1	9/22/2016 11:41:28 AM	1 27651
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	9/22/2016 1:40:05 PM	SG37405
Surr: BFB	89.2	68.3-144	%Rec	1	9/22/2016 1:40:05 PM	SG37405
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.018	mg/Kg	1	9/22/2016 1:40:05 PM	SB37405
Toluene	ND	0.035	mg/Kg	1	9/22/2016 1:40:05 PM	SB37405
Ethylbenzene	ND	0.035	mg/Kg	1	9/22/2016 1:40:05 PM	SB37405
Xylenes, Total	ND	0.071	mg/Kg	1	9/22/2016 1:40:05 PM	SB37405
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	9/22/2016 1:40:05 PM	SB37405

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 12 of 19
	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.

WO#: **1609C73**

23-Sep-16

Client: Agave Energy Company
Project: Campbell Road Leak

Sample ID MB-27672 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 27672 RunNo: 37430

Prep Date: 9/23/2016 Analysis Date: 9/22/2016 SeqNo: 1163444 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-27672 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 27672 RunNo: 37430

Prep Date: 9/23/2016 Analysis Date: 9/22/2016 SeqNo: 1163445 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.3 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

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Hall Environmental Analysis Laboratory, Inc.

9.2

WO#: 1609C73

23-Sep-16

Client: Agave Energy Company **Project:** Campbell Road Leak

Sample ID LCS-27651 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics LCSS Client ID: Batch ID: 27651 RunNo: 37383 Prep Date: 9/22/2016 Analysis Date: 9/22/2016 SeqNo: 1161862 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 47 50.00 0 93.1 62.6 124 Surr: DNOP 5.000 4.2 84.8 70 130

Sample ID MB-27651 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Batch ID: 27651 Client ID: PBS RunNo: 37383 Prep Date: 9/22/2016 Analysis Date: 9/22/2016 SeqNo: 1161863 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10

92.3

70

130

10.00

Qualifiers:

Surr: DNOP

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η 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
- В Analyte detected in the associated Method Blank
- Е 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **1609C73**

23-Sep-16

Client: Agave Energy Company
Project: Campbell Road Leak

Sample ID RB SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: SG37405 RunNo: 37405

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162858 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 860 1000 85.7 68.3 144

Sample ID 2.5UG GRO LCS SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: SG37405 RunNo: 37405

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162859 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 28
 5.0
 25.00
 0
 110
 74.6
 123

 Surr: BFB
 960
 1000
 96.0
 68.3
 144

Sample ID 1609C73-007AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: (T-4F-S) South Batch ID: SG37405 RunNo: 37405

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162860 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Gasoline Range Organics (GRO) 16 3.4 17.02 95.8 59.3 143

92.6

68.3

144

Sample ID 1609C73-007AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

680.7

Client ID: (T-4F-S) South Batch ID: SG37405 RunNo: 37405

630

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162861 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 17 17.02 99.1 59.3 143 3.37 20 3.4 Surr: BFB 640 680.7 93.9 68.3 144 0 0

Qualifiers:

Surr: BFB

* 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: 1609C73

23-Sep-16

Client: Agave Energy Company **Project:** Campbell Road Leak

Sample ID RB SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: **PBS** Batch ID: SB37405 RunNo: 37405

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162876 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 0.025

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 100NG BTEX LCS SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: **LCSS** Batch ID: SB37405 RunNo: 37405 Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162877 Units: mg/Kg Analyte **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit 1.0 0.025 1.000 O 104 75.3 123 Benzene

Toluene 1.1 0.050 1.000 0 108 80 124 Ethylbenzene 0.050 0 100 82.8 121 1.0 1.000 Xylenes, Total 2.9 0.10 3.000 0 98.3 83.9 122 Surr: 4-Bromofluorobenzene 1.1 1.000 111 80 120

Sample ID 1609C73-008AMS SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: (T-4F-S) West Batch ID: SB37405 RunNo: 37405

Prep Date: Analysis Date: 9/22/2016 SeqNo: 1162878 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene 0.66 0.016 0.6592 100 71.5 122 Λ Toluene 0.65 0.033 0.6592 0 98.4 71.2 123 75.2 Ethylbenzene 0.63 0.033 0.6592 0 96.1 130 0.01430 Xylenes, Total 1.8 0.066 1.978 92.1 72.4 131 Surr: 4-Bromofluorobenzene 0.6592 0.70 107 80 120

Sample ID 1609C73-008AMSD SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: (T-4F-S) West Batch ID: SB37405 RunNo: 37405

Olicht ID. (1-41-3) West	Date	IIID. JL	337 403		turii vo. J	7-05				
Prep Date:	Analysis Date: 9/22/2016			9	SeqNo: 1162879			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.63	0.016	0.6592	0	95.2	71.5	122	5.36	20	
Toluene	0.61	0.033	0.6592	0	92.4	71.2	123	6.30	20	
Ethylbenzene	0.60	0.033	0.6592	0	91.3	75.2	130	5.12	20	
Xylenes, Total	1.8	0.066	1.978	0.01430	90.5	72.4	131	1.71	20	
Surr: 4-Bromofluorobenzene	0.69		0.6592		105	80	120	0	0	

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η 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 В Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits Page 16 of 19

P Sample pH Not In Range

RLReporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: **1609C73**

23-Sep-16

Client: Agave Energy Company
Project: Campbell Road Leak

Sample ID 100ng lcs	Samp1	SampType: LCS TestCode: EPA Method					8260B: Volatiles Short List				
Client ID: LCSS	Batcl	n ID: S3	7409	F	RunNo: 37409						
Prep Date:	Analysis D	Analysis Date: 9/22/2016			SeqNo: 1162571 Units:			mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	1.000	0	107	70	130				
Toluene	0.96	0.050	1.000	0	95.8	70	130				
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		99.4	70	130				
Surr: 4-Bromofluorobenzene	0.51		0.5000		102	70	130				
Surr: Dibromofluoromethane	0.49		0.5000		97.7	70	130				
Surr: Toluene-d8	0.49		0.5000		97.5	70	130				
Sample ID rb	Samp1	уре: МЕ	BLK	TestCode: EPA Method 8260B: Volatiles Short List				·			

Campio ib 16	Camp Type. Indian Control of the Con									
Client ID: PBS	Batc	n ID: S3	7409	R	RunNo: 3	7409				
Prep Date:	Analysis Date: 9/22/2016			S	SeqNo: 1162572			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		97.1	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.9	70	130			
Surr: Dibromofluoromethane	0.48		0.5000		96.6	70	130			
Surr: Toluene-d8	0.48		0.5000		95.2	70	130			

Sample ID 1609C73-001AMS	SampT	ype: M \$	5	TestCode: EPA Method 8260B: Volatiles Short List											
Client ID: (T-3M-N) North	Batch	ID: R3	37409	R	RunNo: 3	7409									
Prep Date:	Analysis D	ate: 9/	/22/2016	S	SeqNo: 1	162886	Units: %Re	С							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual					
Surr: 1,2-Dichloroethane-d4	0.34		0.3439		97.7	70	130								
Surr: 4-Bromofluorobenzene	0.32		0.3439		92.7	70	130								
Surr: Dibromofluoromethane	0.37		0.3439		107	70	130								
Surr: Toluene-d8	0.33		0.3439		95.6	70	130								

Sample ID 1609c73-001amsd	SampTy	pe: MS	SD	TestCode: EPA Method 8260B: Volatiles Short List												
Client ID: (T-3M-N) North	Batch	ID: S3	7409	R	RunNo: 3	o: 37409										
Prep Date:	Analysis Da	ate: 9/	22/2016	S	SeqNo: 1	162906	Units: mg/k	ζg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual						
Benzene	0.70	0.017	0.6878	0	102	49.2	155	1.60	20							
Toluene	0.59	0.034	0.6878	0	86.2	52	154	9.14	20							
Surr: 1,2-Dichloroethane-d4	0.36		0.3439		106	70	130	0	0							
Surr: 4-Bromofluorobenzene	0.32		0.3439		93.3	70	130	0	0							

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **1609C73**

23-Sep-16

Client: Agave Energy Company
Project: Campbell Road Leak

Sample ID 1609c73-001amsd SampType: MSD TestCode: EPA Method 8260B: Volatiles Short List

Client ID: (T-3M-N) North Batch ID: \$37409 RunNo: 37409

Prep Date: Analysis Date: 9/22/2016 SegNo: 1162906 Units: mg/Kg

	,			•			J	-5		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	0.38		0.3439		111	70	130	0	0	
Surr: Toluene-d8	0.32		0.3439		92.6	70	130	0	0	

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

range

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Client:

Project:

Prep Date:

Surr: BFB

Gasoline Range Organics (GRO)

Analyte

Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 9/22/2016

Result

15

350

Agave Energy Company

Campbell Road Leak

WO#: **1609C73**

23-Sep-16

Sample ID 2.5ug gro lcs	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	n ID: M3	37409	F	RunNo: 3	7409				
Prep Date:	Analysis D	ate: 9/	22/2016	8	SeqNo: 1	162579	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.2	62.9	123			
Surr: BFB	490		500.0		98.2	70	130			
Sample ID rb	SampT	ype: ME	3LK	Tes	Range					
Client ID: PBS	Batch	n ID: M 3	37409	F	RunNo: 3	7409				
Prep Date:	Analysis D	ate: 9/	22/2016	8	SeqNo: 1	162580	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	500		500.0		99.4	70	130			
Sample ID 1609C73-001AMS	SampT	ype: MS	 3	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: (T-3M-N) North	Batch	n ID: M3	37409	F	RunNo: 3	7409				

Sample ID 1609C73-001AN	ISD SampT	ype: MS	SD	Test	tCode: El	PA Method	8015D Mod:	Gasoline l	Range	
Client ID: (T-3M-N) North	North Batch ID: M37409 Analysis Date: 9/22/2016 Result PQL SPK value	R								
Prep Date:	Analysis D	ate: 9/	22/2016	S	SeqNo: 1	162885	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.4	17.20	0	90.6	52.3	132	0.842	20	
Surr: BFB	370		343.9		109	70	130	0	0	

SPK value SPK Ref Val

17.20

343.9

SeqNo: 1162884

LowLimit

52.3

70

%REC

89.9

103

Units: mg/Kg

132

130

HighLimit

%RPD

RPDLimit

Qual

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

Page 19 of 19

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



4901 Hawkins NE Albuquerque, NM 87109 L: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Client Name:	AGAVE ENERGY COMP	Work Order Numbe	er: 1609	C73			RcptNo	o: 1
Received by/dat	te:	09/22/15						
Logged By:	Lindsay Mangin	9/22/2016 10:10:00 A	M		Junky H.	B		
Completed By:	Lindsay Mangin	9/22/2016 10:27:56 A	M		Juney He	100		
Reviewed By:	Ar 09/22/16					V		
Chain of Cus		-						
1. Custody sea	als intact on sample bottles?		Yes		No 🗆		Not Present	
2. Is Chain of C	Custody complete?		Yes	✓	No [Not Present	
3. How was the	e sample delivered?		Cour	<u>ier</u>				
Log In								
4. Was an atte	empt made to cool the sample	es?	Yes	✓	No [NA 🗆	
5. Were all san	nples received at a temperat	ure of >0° C to 6.0°C	Yes	✓	No 🗆		na 🗆	
6. Sample(s) ir	n proper container(s)?		Yes	✓	No [
7. Sufficient sa	mple volume for indicated te	st(s)?	Yes	✓	No [
8. Are samples	(except VOA and ONG) pro	perly preserved?	Yes	✓	No 🗆			•
9. Was preserv	rative added to bottles?		Yes		No 🗹	/	NA 🗌	
10.VOA vials ha	ave zero headspace?		Yes		No 🗔	7	No VOA Vials ⊻	
	ample containers received br	oken?	Yes		No S	_ _ _		<u> </u>
•	·						# of preserved bottles checked	
	vork match bottle labels?		Yes	✓	No 🗆		for pH:	
	pancies on chain of custody) correctly identified on Chain	of Custody2	Yes	✓	No 🗆	-	(<2 Adjusted?	or >12 unless noted)
	at analyses were requested?	•	Yes		No [<u> </u>	•	
	ding times able to be met?		Yes		No [5	Checked by:	
(If no, notify	customer for authorization.)					Ŀ		
0								
	ling (if applicable)				_	_		
16. Was client no	otified of all discrepancies wi	th this order?	Yes	Ш	No L		NA 🔽	
Person	Notified:	Date				_		
By Wh	1	Via:	eMa	il 🔲	Phone 🔲 F	ax	☐ In Person	
Regard							:	
	Instructions:							
17. Additional re	emarks:							
18 Cooler Info		Occupant language	0		0 :	ı		
Cooler No		Seal Intact Seal No	Seal Da	ite	Signed By	\dashv		
L		<u>-</u>		<u>L</u>				

	LABORATORY				İ			_	<u>(N</u>	OL	<u>V)</u>	Air Bubbles				_				_						<i>(</i> .		
HALL ENVIDONMENTAL	ATC		ത										_												ses			
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5			ing Ac	sia, N	Phone #: (575)	email or Fax#:	QA/QC Package:	Standard	Accreditation:	I NELAF	□ EDD (Type)	Date	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	9/20/16	0/16			2	1
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