

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

July 07, 2023

Kyle Siesser Cottonwood Consulting LLC PO BOX 1653

Durango, CO 81302 TEL: (970) 764-7356

FAX:

Accepted for the record, 1 AIR sample.

RE: AL Elliot D 002 OrderNo.: 2306A80

Dear Kyle Siesser:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/21/2023 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 #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report
Lab Order 2306A80

Date Reported: 7/7/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cottonwood Consulting LLC

Project: AL Elliot D 002

Lab ID: 2306A80-001

Client Sample ID: SVE

Collection Date: 6/20/2023 3:30:00 PM

Received Date: 6/21/2023 6:50:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	340	25	μg/L	5	6/21/2023 1:53:29 PM
Surr: BFB	337	15-412	%Rec	5	6/21/2023 1:53:29 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Methyl tert-butyl ether (MTBE)	ND	1.2	μg/L	5	6/21/2023 1:53:29 PM
Benzene	ND	0.50	μg/L	5	6/21/2023 1:53:29 PM
Toluene	ND	0.50	μg/L	5	6/21/2023 1:53:29 PM
Ethylbenzene	0.89	0.50	μg/L	5	6/21/2023 1:53:29 PM
Xylenes, Total	7.7	1.0	μg/L	5	6/21/2023 1:53:29 PM
Surr: 4-Bromofluorobenzene	90.4	70-130	%Rec	5	6/21/2023 1:53:29 PM

Matrix: AIR

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

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
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 1

ANALYTICAL SUMMARY REPORT

July 06, 2023

Hall Environmental 4901 Hawkins St NE Ste D Albuquerque, NM 87109-4372

Work Order:

B23061956

Quote ID: B15626

Project Name:

Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 6/22/2023 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	Matrix	Test
B23061956-001	2306A80-001A SVE	06/20/23 15:30 06/22/23	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., mois Free Natural Gas Analysis Specific Gravity @ 60/60

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By: Cinty Kohur
Laboratory Manager

Digitally signed by Cindy Rohrer

Date: 2023.07.06 12:51:15 -06:00

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Report Date:** 07/06/23 Project: Not Indicated Collection Date: 06/20/23 15:30 Lab ID: B23061956-001 DateReceived: 06/22/23 Client Sample ID: 2306A80-001A SVE Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS	REPORT						
Oxygen	21.29	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Nitrogen	78.16	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Carbon Dioxide	0.55	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Hydrogen Sulfide	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Methane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Ethane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Propane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Isobutane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
n-Butane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Isopentane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
n-Pentane	< 0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Hexanes plus	<0.01	Mol %		0.01		GPA 2261-95	06/23/23 08:53 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
Hexanes plus	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
GPM Total	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
GPM Pentanes plus	< 0.001	gpm		0.001		GPA 2261-95	06/23/23 08:53 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	ND			1		GPA 2261-95	06/23/23 08:53 / jrj
Net BTU per cu ft @ std cond. (LHV)	ND			1		GPA 2261-95	06/23/23 08:53 / jrj
Pseudo-critical Pressure, psia	547			1		GPA 2261-95	06/23/23 08:53 / jrj
Pseudo-critical Temperature, deg R	240			1		GPA 2261-95	06/23/23 08:53 / jrj
Specific Gravity @ 60/60F	1.00			0.001		D3588-81	06/23/23 08:53 / jrj
Air, %	97.27			0.01		GPA 2261-95	06/23/23 08:53 / jrj
- The analysis was not corrected for air.							
COMMENTS							

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

Definitions: QCL - Quality Control Limit ND - Not detected at the Reporting Limit (RL)

06/23/23 08:53 / jrj

<sup>BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.
GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.
To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.
Standard conditions: 60 F & 14.73 psi on a dry basis.</sup>



QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B23061956 Report Date: 07/06/23

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-95									Batch:	R404409
Lab ID:	B23061956-001ADUP	12 Sa	mple Duplic	ate			Run: GCNG	GA-B_230623A		06/23/	23 09:20
Oxygen			21.3	Mol %	0.01				0	20	
Nitrogen			78.2	Mol %	0.01				0.0	20	
Carbon Di	ioxide		0.56	Mol %	0.01				1.8	20	
Hydrogen	Sulfide		< 0.01	Mol %	0.01					20	
Methane			< 0.01	Mol %	0.01					20	
Ethane			< 0.01	Mol %	0.01					20	
Propane			<0.01	Mol %	0.01					20	
Isobutane			<0.01	Mol %	0.01					20	
n-Butane			<0.01	Mol %	0.01					20	
Isopentan	е		<0.01	Mol %	0.01					20	
n-Pentane	•		<0.01	Mol %	0.01					20	
Hexanes p	olus		<0.01	Mol %	0.01					20	
Lab ID:	LCS062323	11 Lal	ooratory Co	ntrol Sample			Run: GCNG	SA-B_230623A		06/23/	23 09:50
Oxygen			0.65	Mol %	0.01	130	70	130			
Nitrogen			6.15	Mol %	0.01	102	70	130			
Carbon Di	ioxide		0.99	Mol %	0.01	100	70	130			
Methane			74.2	Mol %	0.01	99	70	130			
Ethane			6.00	Mol %	0.01	100	70	130			
Propane			5.26	Mol %	0.01	107	70	130			
Isobutane			1.99	Mol %	0.01	99	70	130			
n-Butane			2.01	Mol %	0.01	100	70	130			
Isopentan	е		0.97	Mol %	0.01	97	70	130			
n-Pentane	•		0.98	Mol %	0.01	98	70	130			
Hexanes	olus		0.76	Mol %	0.01	95	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

Work Order Receipt Checklist

Hall Environmental

B23061956

Login completed by:	Dylan A. Chirrick		Date	Received: 6/22/2023
Reviewed by:	gmccartney		Re	ceived by: crs
Reviewed Date:	6/27/2023		Car	rier name: FedEx
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present
Custody seals intact on all sl	hipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Present
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present 🗹
Chain of custody present?		Yes ✓	No 🗌	
Chain of custody signed whe	en relinquished and received?	Yes √	No 🗌	
Chain of custody agrees with	n sample labels?	Yes ✓	No 🗌	
Samples in proper container	/bottle?	Yes √	No 🗌	
Sample containers intact?		Yes √	No 🗌	
Sufficient sample volume for	indicated test?	Yes √	No 🗌	
All samples received within h (Exclude analyses that are c such as pH, DO, Res CI, Su	onsidered field parameters	Yes 🗹	No 🗌	
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes	No 🗹	Not Applicable
Container/Temp Blank tempe	erature:	17.1°C No Ice		
Containers requiring zero he bubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted ✓
Water - pH acceptable upon	receipt?	Yes	No 🗌	Not Applicable 🔽

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

Contact and Corrective Action Comments:

None

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD PAGE: 1 OFF 1

OF: 1

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

1120 South 27th Street ACCOUNT #: EMAIL: CITY, STATE, ZIP, Billings, MT 59107 A SAMPLE ID TYPE MATRIX DATE ANALYTICAL COMMENTS TYPE	SUB CONTR	SUB CONTRATOR Energy Labs - Billings COMPANY.	Energy Laboratories	sa	PHONE.	(406) 869-6253	FAX	(406) 252-6069	
MPLE ID TYPE MATRIX DATE 2330:00 PM 1 Natural Gases 02, CC	ADDRESS:	1120 South 27th Street			ACCOUNT #.		EMAIL:		
SAMPLE CLIENT SAMPLE ID TYPE MATRIX DATE BOTTLE COLLECTION TYPE MATRIX DATE TEDLAR Air 6/20/2023 3:30:00 PM 1 Natural Gases 02 ,CC	CITY, STATE	3. ZIP. Billings, MT 59107							
TEDLAR Air 6	ITEM		BOTILE	MATRIX	COLLECTION		NALYTICAI	COMMENTS	
	1 23()6A80-001A SVE	TEDLAR	Air 6	1/20/2023 3:30:00 PM	1 Natural Gases 02, CO2		825061956	

Relinquished By. Date: Time Received By. Date: Time FOR LAB US Relinquished By. Date: Time Received By. FOR LAB US FOR LAB US	Date.	Time:	Received By:	Date	Time	REPOR	REPORT TRANSMITTAL DESIRED:	DESIRED:	
Date. Time Received By Date Time. Date. Time Received By Temporal By Temporal By Temporal Stamples	6/21/202					HARDCOPY (extra cost)	FAX	EMAIL.	ONLINE
Date: Time: (Received By Andles Or 1993) 23 (Part of Samples	Date	Time	Received By:	Date	Time:		FOR LAB USE ONLY	\ \	
	Date.	Time	Record Byn Oon	Date 10	2000		C Attent	Attempt to Cool 9	
L voir v				Madala)	Temp of samples	Aftem	npt to Cool	



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

RcptNo: 1 Client Name: Cottonwood Consulting Work Order Number: 2306A80 Received By: **Tracy Casarrubias** 6/21/2023 6:50:00 AM Completed By: Tracy Casarrubias 6/21/2023 8:18:04 AM 6/21/23 wig Reviewed By: Chain of Custody No 🔲 Not Present Yes 🗹 1. Is Chain of Custody complete? 2. How was the sample delivered? Courier Log In No 🗌 NA 🔽 Yes 🗌 3. Was an attempt made to cool the samples? No 🗌 NA 🔽 Yes \square 4. Were all samples received at a temperature of >0° C to 6.0°C No [Yes 🗹 Sample(s) in proper container(s)? Yes 🗹 No 🗌 6. Sufficient sample volume for indicated test(s)? Yes 🗹 7. Are samples (except VOA and ONG) properly preserved? No NA 🗌 No 🔽 8. Was preservative added to bottles? Yes 📙 NA 🗸 No 🗌 Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 🗆 No 🔽 10. Were any sample containers received broken? # of preserved bottles checked Yes 🗸 No 🗌 for pH: 11. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? Yes 🔽 No 🗌 12. Are matrices correctly identified on Chain of Custody? No \Box Yes 🗸 13. Is it clear what analyses were requested? 6/21/2) No 🗌 Checked by: * Yes 🗹 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 No 🔲 NA 🗹 15. Was client notified of all discrepancies with this order? Person Notified: Date: By Whom: eMail Phone Fax In Person Via: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Signed By Seal Intact Seal No Seal Date N/A Good Yes

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	*O\$	8'83 SMI) P(() DF (O5 8\26 3\26 10 8 3, [AC	(GH)	etice stice Ne Me AO AO Alifo		TPI 808 826 PA RC CI, 2827 826 827 827 827 827 827 827 827 827 827 827								1	jlafortune@cottonwoodconsulting.com	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Turn-Around Time:	Standard □ Rush		AL Elliot D #002	Project #:		Project Manager:	Kyle Siesser		Sampler: Joseph LaFortune	On Ice: Yes No	# of Coolers:	Cooler Temp(induding CF):	1 1	# Type 230	-1 NA							Received by: Via: Date Time $\sqrt{ M /M} + \sqrt{ M /M} + \sqrt{ M /M}$	Received by: Via:Courie Date Times	17/19/00 OF THE PROPERTY OF TH
Chain-of-Custody Record	Cottonwood Consulting LLC		PO Box 1653	Durango, CO 81302	4-7356	acottonwoodconsulting.com		☐ Level 4 (Full Validation)						Matrix Sample Name	SVE							Relinquished by:	Relinquished by:	
Chain-	Client: Co		Mailing Address:		Dhone #: 970-764-7356	email or Fax#: k	QA/QC Package:	Standard	Accreditation:	□ NELAC	□ FDD (Type)	, , , , , , , , , , , , , , , , , , , ,		Date Time	1							Date: Time:	C.	



By Mike Buchanan at 3:36 pm, Mar 26, 2024



Vacuum

Vacuum

Review of the monthly SVE system operations monitoring for 12 months: 01/23 through 12/23. Received for the

recora	
Drum	Comments
rained?	Comments

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Pressure upstream of drum (H2O'')	Pressure downstream of drum (H2O'')	Exhaust Rate (cfm) if known	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic ALS 9A	1-10-23	1	11.1	-46	-37	_	У	26,5	Y	
-lorence GCT16	1	2	23.1	Broken	_	_	N	31.4	N	Drun Frozen
Sandoval		1	62.2	-8	Broten	-	\wedge	14	Y	Tanh 80-20% Fall
Jacquez		3	7.4	0,0	Brotzen	_	N	9	Y	Attempted to restart
Al Elliot		5	165.0	-10	-/0	-	Y	27.5	Y	638.8 hours our time
3CU 1480		All			-	1_	Y	_	1	1)0,0 2)0,0 3)1.0 4)0,0
Heaton		ant	106.6	-66	Brotten	-	Y	26.5	Y	
Mudge BIZR	1/11/23	1	_	_	_	_	N.	32	N	drain. SUE not operational.
Mudge A2	1/12/23	2	D.8	-54		1	Y	31	N	water in drum below train port.
~						0				,- v-
				= 7.2						
Intes:			1			4				

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring ppm- parts per million H2O"- inches water cfm- cubic feet per minute bTOD- below top of drum



Location	****	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Exhaust Rate (cfm) if known	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Attantic ALS 9A	2-	7-23	betterman	5.4	-38	-47	-	y	26.5	>	
Florence			2	2.5 Denteral	Broken	- 100	Ventions.	N	27	\mathbb{N}	Drum Flozen System Furing
Sandoval			-	20,4	-)	- American and a second	N	14.25	γ	Attempted to restart Nost restart Attempted to restart
Jacquez			3	0.0	_	ST-AMBORNO.	1	N	28		Attempted to restort Wort restort, Drum Frozen Attempted to restort
Al Elliot			S	2.4	-		- Commander	N	27.5		Attempted to restart Will not restart Z.6 PS: 150°F Z618,0 large
G6U H80			Αn		_	_	300	Y	_	Account to	2.6 PS: 150°F 2618,0 hrs 1) 0,5 2) 0.5 3) 0.5 4) 0.25
Hedor		,	Unk	106.7	-56		** page land	Y	29.5	Y	
Milde BIZR	2	-9-23	J	0.2				N	32,0	N	Attempted to restant System want Start, Drum Aroze,
Milge BIZR Mulge AZ	2.	9-23	2	2.1	-54	constitution.	Messeelle	Y	30,5		Drum Frazen
				4							

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute

Received by OCD: 1/9/2024 10:37:04 AM



SVE Monitoring

Location	Da	ate	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O'')	Vacuum Pressure downstream of drum (H2O'')	Exhaust Rate (cfm) if known	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	3/9	23	1	5.9	-36	-46	-	Y	31.25	Y	
Florence			a	131.3	proken	none	_	Y	24.5	γ	dum valve leaking
Sandoval			1	13.3	Brother	Broten	_	Y	31.0	У	Grabbed gis Sanple 01045
Jacquez			3	ma	_	_		N	-	N	System not operational
Al Elliot			5	132.0	-8	-10		У	30,25	Y	our + me 971, 7 hours
GCU H80	,		All			_	-	1	_		7.5 PS: 150° F 3339,0 No. 1
Heaton	3/10	123	UNK	113.8	-42		_	Y	285	Y	
MudgeBize		\	1		_	_	_	_	-	_	unable to access site
Mudge Aa			2	109.1	-52		_	Y	31.5	N	below valve

Notes

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring ppm- parts per million H2O"- inches water cfm- cubic feet per minute



Location	D)ate	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	4-(6-23	1	5.1	-44	-3b	_	Y	30,5	N	Diun Frozen
Florance			2	104.1	Bralder)	_	У	Zo.S		Drum leaking From Drain Valve
Sandouzi			1	10,5	Brohen	Bromen	1681.2	\wedge	14.3	У	Drain Valve System restorted after Draining drun
Jaquez			3	142.1	-30		334,3	Y	28:75	y	
AL ElloH			5	110,5	-8	-12	1347,5	Y	30,5	Y	
6C4 H180			411	-			4005,7	Y)	_	2.6 ps. 160° (1)0,5(2)0,6(3)0,5(4)0,5
Herton			Unle	122,7	-56	_	_	ý	3),75	Ý	
Mulge BIZR			1	204,7	-44	-30	_	γ	29.75	У	
Mulge A 002	1 1	\	2	96,5	-52		_	У	30,5	Y	
,											
	·										
Notes:											

Notes:

SVE - Soil Vapor Extraction
OVM - Organic Vapor Monitoring
ppm- parts per million
H2O"- inches water
cfm- cubic feet per minute

bTOD- below top of drum

Released to Imaging: 3/26/2024 3:45:27 PM



Location		Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments	D: 1/9/2024 10:37:04 AN
Atlantic	51	3/23	t	38,4	-35	-45	م سور	Y	32	2	water below pers	10:37:0
Florance		1	2	101,9	Broken		_	2	33	N	water below port Restarted system.	Prain values Still leaking
Sandoval			1	9.6	Broken	Broken	23290	Y	26.5	Y	2329.0 hrs	
Jaquez			3	_	-	-		7	29	Υ	System won't start,	
AL Elliott			5	106.2	-8	-11	1951.3	Ý	32	Y	1951.3 Krs	
GCU 4180)/A			National Services	4510.Z	Y	-	дания	2.5 ps: 165° Temp 1)0.5 2)0.5 6 3)1.04)0.5	45 10,2 kg
Heaton			UNK	104.3	-53	ericon.	~	Y	Dry	2		
Mudge Blak			1	122.3	-44	-29	-	Y	31.5	γ		
Mudge A ood	1	V	2	69.3	-59	_	~	2	31	2	water below port. restarted system	
											,	
									_		,	

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute

Received by OCD: 1/9/2024 10:37:04 AM



SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	6/6/2		5.5	-44	D	-	4	Dry	2	
Florence	1	2	99.6	Brolan	-		1	29"	γ	Drum leaking from drain value
Sandoval		1	7.3	Broken	Broken	3144,4	Y	Below Port	N	3144.4 hrs
Juaquez		3	123.2	-24	-	1606.7	Y	30 "	Y	1606.7 hrs
AL Elliot+		5	96.8	-8	-11	2683.0	Y	Below Port	N	2683.0 hrs
GCU H 180		AII		-	-	5326.60	4	_	-	5326.6 hrs 3)0.5 4)0.5
Heaton		UNV	110.5	-54	ii	1	7	Dry	N	Vacuum Pressure guage removed (downstream)
Mudge BIZR		1	[0].1	-44	-29	,	7	Dry	N	
Mudge A002		2	171.6	-50		J	7	Below	2	

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfin- cubic feet per minute



Location	Γ	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments	_
Atlantic	H=	1/23	1	8.0	-34	-44	-	Y	Dry	2		
Florence	[2	64.9	Broken		<u></u>	Y	Ory	2		
Sandoval			\	5,7	Broken	Broken	388 9.3	Y	Dry	>	3889.3 hrs	
Jacquez			3	88.7	-24		2 351.8	Y	Dry	>	2351.8 hrs	
AL Elliott			5	92.1	-11	-12	3333.9	Y	Dry	\	3333.9 hrs	
GCU 14 180			AII	_	_		6071.9	Y	· -	_	3333.9 hrs 175° F 2.4 PSI GO71.9 hrs	1
Heaton			UNK	118.6	-52		_	Y	Dry	Ν		
Mudge BIDR			l	99.3	-44	-30	-	Y	Dry	\wedge		
Mudge A00	l	V	J	153,3	-50	-	1	Y	Dry	\sim		
•												

Notes:

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring ppm- parts per million H2O"- inches water

cfm- cubic feet per minute bTOD- below top of drum



Location]	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments	
Atlantic	8-0	7-23	******	7.8	-35	-46	_	Y	Drx	N		
Florence			2	85.2	-3	4 minutes	_	X	Day	N		
Sandoval			l	7,6	Broken	Broken	4679.6	γ	Dry	N		
Jacquez			3	115.3	-24	-	3137.9	Y	Dry	N		
AL Elliott			5	83,8	-9	-12	4/28.0	Y	Dey	\mathcal{N}		
GCU H 180			All		-	_	6688.3	y	_	•	165°F 2,5 ps; 1.2.5ps;) 2, 2ps;) 3, 2.2ps) 4. 2.4.
Herron			unte	104.2	-52	-	_	Y	Dry	\mathcal{N}		
Mrage BIZA			1	75.9	- 44	-30	_	Y	Dry	N		
Mudge BIZR Mudge A002			2	354.9	-50		•	24	Drx	N		
								J				

Notes:

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring ppm- parts per million H2O"- inches water

cfm- cubic feet per minute bTOD- below top of drum Released to Imaging: 3/26/2024 3:45:27 PM



Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O'')	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	9-7-23	1	1.1	-35	-46	-	Y	Dry	No	
Florance GC J 16		2	26.8	-3	_	T	Y	Dex	No	
Sandoval GC A 1A		3	3.7	Bohen	Brother	5375.3	Y	Dry	No	
Jacquez GC B 3E		1	41-1	-24	-	3833.6	Y	Dry	No	
Al Elliot D 002		5	35.6	-10	-12	474,2	y	Day	No	
GCU H180		All	-	-	-	7384.3	<i>Y</i>	-	-	190°F 1) 1.8/15; 2) 0,7/1.
Heaton LS 5		Unk	81.5	-54	_	-	Y	Dey	No	12, -1 /- 1/ (2
Mudge B12 R	-	1	42.8	-47	-30	_	Y	Dry	No	
Mudge A 002 MV	V	2	228.6	-51	7	<i>y-</i>	Y	Dry	No	

Notes:

Received by OCD: 1/9/2024 10:37:04 AM

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure f downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	bTOD)	Drum Drained?	Comments	-
Atlantic A LS 9A	10-18-202	1	201.5	-36	-46	1	Y	31.5	N	water below drain level	
Florance GC J 16		2	156.8	-6	-	_	X	22,25	Y	Lesting From bostnet	
Sandoval GC A 1A		3	48.6	Brohen	0	6358-E	y	29,5	y		
Jacquez GC B 3E		1	227.5	-24	_	4817.4	Y	25.5	y		
Al Elliot D 002		5	93.7	-10	-14	5354.9	Y	29.25	Y		
GCU H180		All	-	-	-	8368.2	Y	-	-	1)0.02)2.03)0.04)0.0	Valler Station At 12 is damaged and realing
Heaton LS 5		Unk	123.4	-54	_	-	Y	Dex	Ν		ATA realing
Mudge B12 R	\ \ \	1	103.6	-45	-30	_	×	29,75	y		
Mudge A 002 MV		2	327.2	-52	-	_	À.	Dry	N		PM
											/2024 3:45:27 PM

Notes:

Received by OCD: 1/9/2024 10:37:04 AM

SVE - Soil Vapor Extraction
OVM - Organic Vapor Monitoring
ppm- parts per million
H2O"- inches water
cfm- cubic feet per minute
bTOD- below top of drum



Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O'')	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	11-15-23	1	2.7	-36	-46	-	y	Dry	Ν	
Florance GC J 16	11-15-23	2	0.7	-4(inly)	_	,	Ņ	Dey	\wedge	
Sandoval GC A 1A	11-15-23	3	103.1	-20(Hpa)	Broken	6,540	N	22.5	/	Replaced gauge with -30 (into) /-100(kpz) gauge
Jacquez GC B 3E	11-15-23	1	30,2	-26	e companie	5,326	X	20,5	Y	
Al Elliot D 002	11-15-23	5	37,8	-10	-12	5,775	Y	DCY	N	
GCU H180	11-14-23	All	-	-	-		N	-	-	Motor Sounted rough with clicking sound upon restarting. SNE point leath Cixcle.
Heaton LS 5	11-14-23	Unk	75,2	-32	-	,	3HY	Dry	\wedge	
Mudge B12 R	[1-14-23	1	35,7	-46	-12	1	y	21.0	Y	Drun leating at PVC comection,
Mudge A 002 MV	11-14-23	2	150,1	-40	-	-	Y	Dry	N	
otes:										

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute



Location	Date 5	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	12/15/23	1	19.3	40	-50	-	Yes	26	4	L Vent Lead to Need
	12/15/23		-4°5 60.3	-4.0	_	-	ĭes	29	Y	Drum load out leaking From gasket
Florance GC J 16		-	35.8		0	7238.4	Tes	19	Y	
Sandoval GC A 1A	135/2/15/12					Not Readable	45	29	Y.	
Jacquez GC B 3E	14/9/23	1	1.4	-2						
Al Elliot D 002	12/15/23	5	110.3	-10	-10	6269.5	1 2 2	24.5	Y	is i Pamus agon arrival.
GCU H180	1214123	All	-	-	-	8656	2156:	- 1	-	Not Runningion arrival. sounds like its not running page
Heaton LS 5	12/14/23	Unk	101.5	34	-	-	Yes	29	1	
Mudge B12 R	12/14/2		180.6		-10	-	Yes	30	1	
Mudge A 002 MV			108.2	-	26	7 -	109	-	_	DIA
Mudge A 002 MV	1010		10072		0)	-				

SVE - Soil Vapor Extraction OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute

District I
1625 N. French Dr., Hobbs, NM 88240
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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 301533

CONDITIONS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	301533
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Crea	ited By	Condition	Condition Date
mic	chael.buchanan	Review of the monthly SVE system operations monitoring for 12 months: 01/23 through 12/23. Received for the record	3/26/2024