Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kyle Siesser Cottonwood Consulting LLC PO BOX 1653 Durango, Colorado 81302

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JOB DESCRIPTION

AL Elliott D 002

JOB NUMBER

885-6336-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

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Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

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Authorized for release by Cheyenne Cason, Project Manager cheyenne.cason@et.eurofinsus.com (505)345-3975

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Laboratory Job ID: 885-6336-1

Client: Cottonwood Consulting LLC Project/Site: AL Elliott D 002

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Definitions/Glossary

Client: Cottonwood Consulting LLC Job ID: 885-6336-1

Project/Site: AL Elliott D 002

Glossary

LOD

These commonly used abbreviations may or may not be present in this report.
Listed under the "D" column to designate that the result is reported on a dry weight basis
Percent Recovery
Contains Free Liquid
Colony Forming Unit
Contains No Free Liquid
Duplicate Error Ratio (normalized absolute difference)
Dilution Factor
Detection Limit (DoD/DOE)
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
Decision Level Concentration (Radiochemistry)
Estimated Detection Limit (Dioxin)

LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Limit of Detection (DoD/DOE)

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

NC	Not Calculated

ND	Not Detected at the reporting limit (or MDL or EDL if shown)

NEG POS	Negative / Absent				
POS	Positive / Present				
501	D C I O				

Practical Quantitation Limit PQL

PRES	Presumptive
QC	Quality Control

RER	Relative Error Ratio	(Radiochemistry)
1 VII V	I Clative Life I Cate	(Tradiocilottistiy)

RL	Reporting Limit or Requested Lir	nit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

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Case Narrative

Client: Cottonwood Consulting LLC

Project: AL Elliott D 002

Eurofins Albuquerque

Job ID: 885-6336-1

Job ID: 885-6336-1

Job Narrative 885-6336-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/14/2024 7:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 25.3°C.

Subcontract Work

Method Natural Gases O2, CO2: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Job ID: 885-6336-1

Client: Cottonwood Consulting LLC

Project/Site: AL Elliott D 002

Client Sample ID: SVE Lab Sample ID: 885-6336-1 Date Collected: 06/13/24 13:05

Matrix: Air

Date Received: 06/14/24 07:00 Sample Container: Tedlar Bag 1L

	oline Range	Organics ((GRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	100		5.0	ug/L			06/26/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	323		15 - 412				06/26/24 12:53	1

- Bromondorobenzene (odn)	020		10-412				00/20/21 12:00	•
_ Method: SW846 8021B - Vo	latile Organic (Compound	ds (GC)					
Analyte	_	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.25	ug/L			06/26/24 12:53	1
Benzene	ND		0.10	ug/L			06/26/24 12:53	1
Ethylbenzene	0.31		0.10	ug/L			06/26/24 12:53	1
Toluene	ND		0.10	ug/L			06/26/24 12:53	1
m&p-Xylene	0.63		0.10	ug/L			06/26/24 12:53	1
o-Xylene	0.37		0.10	ug/L			06/26/24 12:53	1
1,3,5-TMB	0.97		0.10	ug/L			06/26/24 12:53	1
1,2,4-TMB	0.37		0.10	ug/L			06/26/24 12:53	1
Xylenes, Total	1.0		0.20	ug/L			06/26/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/26/24 12:53	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Client: Cottonwood Consulting LLC Job ID: 885-6336-1

Project/Site: AL Elliott D 002

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Air

Lab Sample ID: MB 885-7463/10

Analysis Batch: 7463

MB MB Result Qualifier RL Unit Analyzed Dil Fac Analyte D Prepared 06/26/24 10:32 Gasoline Range Organics [C6 - C10] ND 5.0 ug/L

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 15 - 412 06/26/24 10:32 4-Bromofluorobenzene (Surr) 97

Lab Sample ID: LCS 885-7463/9 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Air

Analysis Batch: 7463

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics [C6 -50.0 47.1 ug/L 94 70 - 130

C10]

LCS LCS

Limits Surrogate %Recovery Qualifier 4-Bromofluorobenzene (Surr) 205 15 - 412

Method: 8021B - Volatile Organic Compounds (GC)

Analysis Batch: 7464

Lab Sample ID: MB 885-7464/10 Client Sample ID: Method Blank **Matrix: Air** Prep Type: Total/NA

	MB	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		0.25	ug/L			06/26/24 10:32	1
Benzene	ND		0.10	ug/L			06/26/24 10:32	1
Ethylbenzene	ND		0.10	ug/L			06/26/24 10:32	1
Toluene	ND		0.10	ug/L			06/26/24 10:32	1
m&p-Xylene	ND		0.10	ug/L			06/26/24 10:32	1
o-Xylene	ND		0.10	ug/L			06/26/24 10:32	1
1,3,5-TMB	ND		0.10	ug/L			06/26/24 10:32	1
1,2,4-TMB	ND		0.10	ug/L			06/26/24 10:32	1
Xylenes, Total	ND		0.20	ug/L			06/26/24 10:32	1

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 06/26/24 10:32 4-Bromofluorobenzene (Surr) 90

Lab Sample ID: LCS 885-7464/9

Matrix: Air

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nalveie Ratch: 7/6/

Analysis Batch: 7464								
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methyl-tert-butyl Ether (MTBE)	2.00	1.59		ug/L		79	70 - 130	
Benzene	2.00	1.79		ug/L		89	70 - 130	
Ethylbenzene	2.00	1.68		ug/L		84	70 - 130	
Toluene	2.00	1.67		ug/L		84	70 - 130	
m&p-Xylene	4.00	3.40		ug/L		85	70 - 130	
o-Xylene	2.00	1.66		ug/L		83	70 - 130	
1,3,5-TMB	2.00	1.60		ug/L		80	70 - 130	

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Prep Type: Total/NA

Client Sample ID: Lab Control Sample

QC Sample Results

Client: Cottonwood Consulting LLC

Job ID: 885-6336-1

Project/Site: AL Elliott D 002

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-7464/9 Matrix: Air

Analysis Batch: 7464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits 1,2,4-TMB 2.00 1.65 ug/L 83 70 - 130 Xylenes, Total 6.00 5.06 70 - 130 ug/L 84

LCS LCS

Surrogate%RecoveryQualifierLimits4-Bromofluorobenzene (Surr)9470 - 130

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QC Association Summary

Client: Cottonwood Consulting LLC
Project/Site: AL Elliott D 002

Job ID: 885-6336-1

GC VOA

Analysis Batch: 7463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-6336-1	SVE	Total/NA	Air	8015D	
MB 885-7463/10	Method Blank	Total/NA	Air	8015D	
LCS 885-7463/9	Lab Control Sample	Total/NA	Air	8015D	

Analysis Batch: 7464

Lab Sample ID 885-6336-1	Client Sample ID	Prep Type Total/NA	Matrix	Method 8021B	Prep Batch
MB 885-7464/10	Method Blank	Total/NA	Air Air	8021B	
LCS 885-7464/9	Lab Control Sample	Total/NA	Air	8021B	

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Lab Chronicle

Client: Cottonwood Consulting LLC

Job ID: 885-6336-1

Project/Site: AL Elliott D 002

Client Sample ID: SVE

Date Collected: 06/13/24 13:05

Lab Sample ID: 885-6336-1

Matrix: Air

Date Collected: 06/13/24 13:05

Date Received: 06/14/24 07:00

Matrix: Air

Batch Batch Dilution Batch Prepared Method **Prep Type** Туре **Factor** Number Analyst or Analyzed Run Lab 06/26/24 12:53 Total/NA Analysis 8015D 7463 EET ALB Total/NA 8021B 7464 JP 06/26/24 12:53 Analysis 1 **EET ALB**

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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Accreditation/Certification Summary

Client: Cottonwood Consulting LLC Job ID: 885-6336-1

Project/Site: AL Elliott D 002

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte		
8015D		Air	Gasoline Range Organics [C6 - C10]		
8021B		Air	1,2,4-TMB		
8021B		Air	1,3,5-TMB		
8021B		Air	Benzene		
8021B		Air	Ethylbenzene		
8021B		Air	m&p-Xylene		
8021B		Air	Methyl-tert-butyl Et	her (MTBE)	
8021B		Air	o-Xylene		
8021B		Air	Toluene		
8021B		Air	Xylenes, Total		
Oregon	NELA	o	NM100001	02-26-25	

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Air	Gasoline Range Organics [C6 - C10]
8021B		Air	1,2,4-TMB
8021B		Air	1,3,5-TMB
8021B		Air	Benzene
8021B		Air	Ethylbenzene
8021B		Air	m&p-Xylene
8021B		Air	Methyl-tert-butyl Ether (MTBE)
8021B		Air	o-Xylene
8021B		Air	Toluene
8021B		Air	Xvlenes, Total

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Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

June 21, 2024

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

Quote ID: B15626 Work Order: B24061616

Project Name: Al Elliott D, 88501577

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 6/18/2024 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	Matrix	Test
B24061616-001	SVE (885-6336-1)	06/13/24 13:05 06/18/24	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist Free Natural Gas Analysis Specific Gravity @ 60/60

ANALYTICAL SUMMARY REPORT

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, 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.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

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

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Project: Al Elliott D, 88501577 Lab ID: B24061616-001

Hall Environmental **Report Date:** 06/21/24 Collection Date: 06/13/24 13:05 DateReceived: 06/18/24 **Client Sample ID: SVE (885-6336-1)** Matrix: Air

					MCL/				
Analyses	Result	Units	Qualifiers	RL	QCL	Method	Analysis Date / By		
GAS CHROMATOGRAPHY ANALYSIS REPORT									
Oxygen	21.88	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Nitrogen	77.72	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Carbon Dioxide	0.35	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Methane	< 0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Ethane	<0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Propane	< 0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Isobutane	< 0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
n-Butane	<0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Isopentane	<0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
n-Pentane	< 0.01	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Hexanes plus	0.05	Mol %		0.01		GPA 2261-95	06/20/24 01:45 / jrj		
Propane	< 0.001	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
Isobutane	< 0.001	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
n-Butane	< 0.001	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
Isopentane	< 0.001	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
n-Pentane	< 0.001	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
Hexanes plus	0.021	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
GPM Total	0.021	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
GPM Pentanes plus	0.021	gpm		0.001		GPA 2261-95	06/20/24 01:45 / jrj		
CALCULATED PROPERTIES									
Gross BTU per cu ft @ Std Cond. (HHV)	2			1		GPA 2261-95	06/20/24 01:45 / jrj		
Net BTU per cu ft @ std cond. (LHV)	2			1		GPA 2261-95	06/20/24 01:45 / jrj		
Pseudo-critical Pressure, psia	547			1		GPA 2261-95	06/20/24 01:45 / jrj		
Pseudo-critical Temperature, deg R	240			1		GPA 2261-95	06/20/24 01:45 / jrj		
Specific Gravity @ 60/60F	1.00			0.001		D3588-81	06/20/24 01:45 / jrj		
Air, % - The analysis was not corrected for air.	99.97			0.01		GPA 2261-95	06/20/24 01:45 / jrj		

COMMENTS

- 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

RL - Analyte Reporting Limit Report **Definitions:**

QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)

06/20/24 01:45 / jrj

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ENERGY LABORATORIES

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QA/QC Summary Report

Prepared by Billings, MT Branch

				•	, ,						
Client:	Hall Environmental				Work Order:	B2406	1616	Repo	rt Date:	06/21/24	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-95									Batch:	R423193
Lab ID:	B24061715-001ADUP	12 San	nple Duplic	ate			Run: GCNG	GA-B_240620A		06/20/	/24 11:19
Oxygen			22.1	Mol %	0.01				0.5	20	
Nitrogen			77.7	Mol %	0.01				0.1	20	
Carbon [Dioxide		0.20	Mol %	0.01				0.0	20	
Hydroge	n 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	
Isobutan	е		< 0.01	Mol %	0.01					20	
n-Butane)		<0.01	Mol %	0.01					20	
Isopenta	ne		<0.01	Mol %	0.01					20	
n-Pentar	ne		<0.01	Mol %	0.01					20	
Hexanes	plus		0.05	Mol %	0.01				0.0	20	
Lab ID:	LCS062024	11 Lab	oratory Co	ntrol Sample	:		Run: GCNG	GA-B_240620A		06/20	/24 03:27
Oxygen			0.64	Mol %	0.01	128	70	130			
Nitrogen			6.08	Mol %	0.01	101	70	130			
Carbon [Dioxide		0.99	Mol %	0.01	100	70	130			
Methane			75.1	Mol %	0.01	100	70	130			
Ethane			6.09	Mol %	0.01	101	70	130			
Propane			5.04	Mol %	0.01	102	70	130			
Isobutan	е		1.45	Mol %	0.01	72	70	130			
n-Butane)		1.99	Mol %	0.01	99	70	130			
Isopenta	ne		0.95	Mol %	0.01	95	70	130			
n-Pentar	ne		0.97	Mol %	0.01	97	70	130			

0.01

0.74

Mol %

93

70

130

Qualifiers:

Hexanes plus

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

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Work Order Receipt Checklist

Hall Environmental B24061616

ogin completed by:	Danielle N. Harris		Date	Received: 6/18/2024			
Reviewed by:	cindy		Re	eceived by: CMJ			
Reviewed Date:	6/21/2024		Carrier name: FedEx NDA				
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present			
Custody seals intact on all s	hipping container(s)/cooler(s)?	Yes √	No 🗌	Not Present			
Custody seals intact on all s	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	h sample labels?	Yes ✓	No 🗌				
Samples in proper container	/bottle?	Yes ✓	No 🗌				
Sample containers intact?		Yes ✓	No 🗌				
Sufficient sample volume for	r 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 🗌				
emp Blank received in all s	hipping container(s)/cooler(s)?	Yes	No 🗹	Not Applicable			
Container/Temp Blank tempe	erature:	13.0°C No Ice					
Containers requiring zero he ubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted			
Vater - 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.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

None

Environment Testing Vote: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the aboratory does not currently maintain accreditation in the State of Origin listed above for analysis/testshinatrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC alaboratory or other instructions will be provided. Any changes to succeditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditation is the Eurofins Environment Testing South Central LLC attention immediately. Special Instructions/Note: Ver: 04/02/2024 Months Company ompany Bedolere Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Special Instructions/QC Requirements: Page:
Page 1 of 1
Job #:
885-6336-1
Preservation Codes: 💸 eurofins 3 COC No: 885-981.1 00 Total Number of containers Date/Time: Method of Shipment. State of Origin: New Mexico what Jan Analysis Requested Accreditations Required (See note):
NELAP - Oregon; State - New Mexico cheyenne.cason@et.eurofinsus.com eceived by: Received by: Lab PM: Cason, Cheyenne E-Mail: Chain of Custody Record SUB (Natural Gases O2, CO2) Time: Perform MS/MSD (Yes or No) Matrix (W=water, S=solid, O=waste/oil Preservation Code Sompany company Ā Sample
Type
(C=comp,
G=grab) 151 Primary Deliverable Rank: 2 Sample Time 13:05 Mountain 4/17/29 Date/Time: AT Requested (days) Due Date Requested: 6/26/2024 Sample Date 6/13/24 Project #: 88501577 SSOW#: Date/Time: Deliverable Requested: I, II, III, IV, Other (specify) Client Information (Sub Contract Lab) Custody Seal No. Sample Identification - Client ID (Lab ID) Phone: 505-345-3975 Fax: 505-345-4107 **Eurofins Albuquerque** Possible Hazard Identification Empty Kit Relinquished by: Albuquerque, NM 87109 Custody Seals Intact

△ Yes △ No Energy Laboratories, Inc. 1120 South 27th Street, Shipping/Receiving 106-252-6325(Tel) SVE (885-6336-1) 4901 Hawkins NE Project Name: AL Elliott D 002 inquished by: linquished by: State, Zip. MT, 59101

Page 5 of 5 7/5/2024

Billings

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Mailing Address: PO Box 1653 AL Elliott D 002	ŭ	ottonwo	Cottonwood Consulting LLC	Standard	□ Rush				AAA	LE	VI	HALL ENVIRONMEN ANALYSIS LABORAT	MO	EN	70	#
PO Box 1653 AL Elliott D 002				Project Name					www			antalo		5	277	X
Durango, CO 81302 Burango, CO 81302 Sarpier Manager: Level 4 (Full Validation) Project Manager: Level 4 (Full Validation) Sampler Emma Millar	dres	.;	PO Box 1653	AL Elliott D	005		490	1 Hawk	ins N		ialion		M 87	60	885-63	၁၀၁ ရွ
Serser@cottonwoodconsulting.com Sermoler: Emma Millar Cother Container Preservative HEAL No. AIR SVE tediar bag - 2 NA 1 Relinquished by: Received by: Vis: COLING Time Relinquished by: Siesser Kyle Siesser Kyle Siesser Container Preservative HEAL No. Yogy # of Cooler: If Yes In No. Yogy # of Cooler: If Yes In No. # of Cooler: If Yes In It Y		Durango		Project #:			Ţe Ţ	505-3	45-397		-ax 5	05-346	24107			
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Sample Name Sample Name Solution Sample Name Sam	ax#:	(siesser@	cottonwoodconsulting.com	Project Mana	ger:		_		-	γ̈́C		(tr				L
Compliance Container Sampler: Emma Millar	ckage			Kyle Siess	er		MRG	s.g.	SW)S '*(pser				
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Login Sample Receipt Checklist

Client: Cottonwood Consulting LLC Job Number: 885-6336-1

List Source: Eurofins Albuquerque Login Number: 6336

List Number: 1 Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

<6mm (1/4").



Location	Date	svi	TE 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	1-15-2	.4	1	6.4	-38	-48	_	Y	22	N	Drun frozen
Florance GC J 16			2	41.4	- b	_	ب	Y	12.5	y	
Sandoval GC A 1A			3	124.8	-10 (HA)	Brohen	7397.7	N	25	N	Drain Valve is broken (Needs Peplace) Restarted System Brum Frozen, Run time gauge has contensation
Jacquez GC B 3E			1	011	-6	~	SSZOI	Y	Dry	N	Run time gauge has continuation and is hard to real.
Al Elliot D 002			5	J	-	_	1	N	12:7	N	Drum Frozen and Full, generator was runing, attempted to restart would not
GCU H180			All	-	-	-	8675.6	, N	-	-	was runing, attempted to researt, would not system not operational on and died
Heaton LS 5			Unk	82.3		-54	-	y	25.5	N	arrival attempted to start could hun and died, would not start after dying.
Mudge B12 R			1	84,4	-28	-8	_	N	32	N	Restarted System Drum Grozin.
Mudge A 002 MV	\ <u></u>		2	32.0	-50	_	_	y	Bry	N	
									,		

Notes

Received by OCD: 7/10/2024 9:03:14 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



(in hg) SVE Monitoring

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 A LS 9A	2-	5-24	1	6.2	-3.75	-3.75	-	Y	23.6	Y	
Florance GC J 16**	2-1	4-24	2	42.6	-2.1	-2.1	10000	N	16,4	Y	Drum lealing, needs new gashet.
Sandoval GC A 1A*	2-5	-24	3	41.0	-2.5	-2.5	7507.5	Y	31.75	Y	Valve Fixet Garge Replaced Water Frozen
Jacquez GC B 3E			1	0.8	-0.2	_	7031.1	Y	32,5	\wedge	bater Frozen
Al Elliot D 002			5	65.7	-0.5	-0,5	6664.1	Y	30.1	Y	B67 2 90% F411
GCU H180			All	-	-	-		Y	-	} -	2 PSI) 110°F) 130° 2)2.5 3)2.5 4)1.5
Heaton LS 5			Unk	98.9	-2.5	-2.5		Y	27.3	Y	
Mudge B12 R	2-	14-24	1	36,7	-7:0	-2,5	Ormulasi	7		N	Drym Frozen
Mudge A 002 MV	2-	14-24	2	22.0	-5.0	-4.0		Y	3210	N	Drum Frozen
										77 Y	

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

* - Gauge replaced with (inhg) vacua pressure gauge

Released to Imaging: 1/8/2025 4:22:29 PM



Location	D)ate	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (inHg)	Vacuum Pressure downstream of drum (inHg)	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	3-1	1-24	1	0,6	3.75	3.75	_	Y	29,5	Y	
Florance GC J 16			2	28.1	3,20	3,20	« <u> </u>	Y	18.2	У	*- See below
Sandoval GC A 1A			3	89,1	2,50	2,50	7653-0	N	28.3	X	
Jacquez GC B 3E			1	1,2	0,2	0.2	7869.8	Y	Dry	N	
Al Elliot D 002			5	26.5	0.5	0,5	6849.7	\sim	32,5	N	Water Level below drain
GCU H180			All	-	-	-	9003.0	У	-	-	Temp 25 F System Pressure 1 9 psi SVE Point (psi): (1) 2 5 (2) 2 5 (3) 2 5 (4) 2 5
Heaton LS 5			Unk	70.8	2.7	2,5	_	Y	31,8	\mathcal{N}	Water Level below drain
Mudge B12 R			1	41.3	2,5	2,5	-	У	24.8	y	Doug has hole, nects to be replaced
Mudge A 002 MV	\	\-\-	2	47.2	4,75	3.75	-	Y	Dry	\wedge	
							,				

Notes:

Received by OCD: 7/10/2024 9:03:14 AM

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

* - No Coots when system was running, Turnel off system and discovered reals. After investigation a small pinhole is present at the 60 Hur of the drun



Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (inHg)	Vacuum Pressure downstream of drum (inHg)	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	4/8/24	1	66.1	3.75	3.75	-	Y	29.5	Y	
Florance GC J 16	1	2	202.8	-4,0	-4.0	-	Y	14	ĭ	Small leak when System is off
Sandoval GC A 1A		3	148.3	2-5	2.5	76929	N	30.5	Y	
Jacquez GC B 3E		1	6.0	0.2	0.2	8543.6	Y	Dry	~	
Al Elliot D 002		5	49.8	0.4	0.4	7481.6	Y	29	Y	
GCU H180		All		-	*	9177.0	Y		-	Temp 125 F System Pressure 2.0 psi SVE Point (psi): (1) 1.0 (2) 1.0 (3) 1.0 (4) 1.0
Heaton LS 5		Unk	107.5	2.75	2.5	-	Y	Dry	N	
Mudge B12 R		1	256.3	2.5	2.5	-	Y	28.5	Y	small leak when system is off
Mudge A 002 MV	1	2	104.3	4.75	3,00	-	Y	Dry	N	
	1774									

Notes:

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



Location	D	ate	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (inHg)	Vacuum Pressure downstream of drum (inHg)	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	5-6	5-24	1	1.3	3.75	3.75	-	y	31.5	N	Water level below drain
Florance GC J 16			2	23.3	3.5	3,5	_	Х	24.2	Y	Tightened gastret, no leats after tightening.
Sandoval GC A 1A			3	2.8	2,5	2.5	7745.2	N	32.5	N	water level below drain volve, restarted system, MW connection was disconnected on an
Jacquez GC B 3E			1	1.1	0.2	0.2	10,215.4	Y	DCY	\mathcal{N}	Down is day.
Al Elliot D 002			5	29.5	0.4	0,4	8154.0	Y	30,3	y	Drun dry
GCU H180			All	-	-	-	9331.1	У	-	_	Temp 27 F System Pressure 2,5 psi SVE Point (psi): (1) 1,5 (2) 2,5 (3) 2,0 (4) 1,0
Heaton LS 5			Unk	89.6	2.5	2.5)	Y	Dry	\wedge	
Mudge B12 R			1	26,7	2.5	2,5	_	y	27.5	Y	District of y Tightench gastret, gashet is cracticed. Minor contensation observed after tightening
Mudge A 002 MV	1	,	2	52.0	5.0	3.75	-	Y	Dry	N	Drum bry
											,
ntes:											

Notes:

Received by OCD: 7/10/2024 9:03:14 AM

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



Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (inHg)	Vacuum Pressure downstream of drum (inHg)	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments	
Atlantic A LS 9A	6/14/29	t 1	3,4	4,0	3.75	-	Y	ary	N		
Florance GC J 16	6/13/2	9 2	35,8	3.0	3,5	-	Y	Dry	N		
Sandoval GC A 1A	6/13/24	3	10,0	5.0	20	79224	N	Dry	N		
Jacquez GC B 3E	6/13/2	1	6.2	6,1	0.1	1264,0	9 4	Dry	N		
Al Elliot D 002	6/13/2		37.3	0.1	0.1	9061.2	Y	Dry	N		שומונים סו
GCU H180	6/124		-	-	-	Bioken	N			Temp 145F System Pressure 7.5 psi SVE Point (psi): (1) 0 (2) 2.5 (3) 2.7 (4) 0	system or on arrival Reset.
Heaton LS 5	412/2	Unk	102,0	1.0	1,0	-	Y	Dry	N		
Mudge B12 R	6/12/2	4 1	36.7	2.5	2.5	-	4	Dry	N		
Mudge A 002 MV	6/13/2	4 2	150.5	5,0	5.0	-	Y	ary	NO		

Notes:

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

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 362610

CONDITIONS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	362610
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By		Condition Date
michael.buchanai	AL Elliot D #002 Annual Gas Sampling Lab Results and SVE Field forms (January 2024 through June 2024) are accepted as part of the record for App ID: 362610	1/8/2025