March 22, 2022



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

Kyle Siesser Cottonwood Consulting LLC PO BOX 1653 Durango, CO 81302 TEL: (970) 764-7356 FAX: Mudge B 012R data analysis for SVE system received for the record, report dated March 22, 2022.

RECEIVED By Mike Buchanan at 3:31 pm, Jan 19, 2024

RE: Mudge B 012R

OrderNo.: 2203995

Dear Kyle Siesser:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/18/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2203995

Date Reported: 3/22/2022

CLIENT: Cottonwood Consulting LLC Project: Mudge B 012R		Client Sample ID: SVE Collection Date: 3/17/2022 11:20:00 AM											
Lab ID: 2203995-001	Matrix: AIR	Received Date: 3/18/2022 8:05:00 AM											
Analyses	Result	RL	Qua	l Units	DF	Date Analyzed	Batch						
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB						
Gasoline Range Organics (GRO)	750	10		µg/L	2	3/21/2022 9:35:47 AM	G86621						
Surr: BFB	933	37.3-213	S	%Rec	2	3/21/2022 9:35:47 AM	G86621						
EPA METHOD 8021B: VOLATILES						Analyst	: NSB						
Benzene	ND	0.20		µg/L	2	3/21/2022 9:35:47 AM	B86621						
Toluene	0.30	0.20		µg/L	2	3/21/2022 9:35:47 AM	B86621						
Ethylbenzene	ND	0.20		µg/L	2	3/21/2022 9:35:47 AM	B86621						
Xylenes, Total	16	0.40		µg/L	2	3/21/2022 9:35:47 AM	B86621						
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	2	3/21/2022 9:35:47 AM	B86621						

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	Cottonwo Mudge B	od Consul 012R	lting LL	.C							
Sample ID: 220	03995-001ADUF	Samp1	ype: DU	IP	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: SV	RunNo: 86621										
Prep Date:	Analysis Date: 3/21/2022				S	SeqNo: 30	57877	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Org	ganics (GRO)	740	10						1.47	20	
Surr: BFB		32000		4000		812	37.3	213	0	0	S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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- S % Recovery outside of range due to dilution or matrix interference
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- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 3

2203995

22-Mar-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	Cottonwoo		lting LL	.C							
Project:	Mudge B (012R									
Sample ID: 220399	5-001ADUP	SampT	ype: DU	IP	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: SVE		Batcl	n ID: B8	6621	F	lunNo: 86	6621				
Prep Date:		Analysis D	Date: 3/2	21/2022	5	SeqNo: 30	057919	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.20						0	20	
Toluene		0.22	0.20						28.4	20	R
Ethylbenzene		ND	0.20						0	20	
Xylenes, Total		16	0.40						1.40	20	
Surr: 4-Bromofluorober	nzene	4.5		4.000		112	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 3

2203995

WO#:

22-Mar-22

Released to Imaging: 1/19/2024 3:40:56 PM

ENGLISH MARRIED		Hall Environm TEL: 505-345- Website: clier	49 Albuquer -3975 FAX	01 Hawi que, NN 505-34	kins NE 187109 15-4107	Sai	Pag mple Log-In Check List	ge :
	Cottonwood Consulting	Work Order Nur	mber: 220	3995		3	RcptNo: 1	
Received By:	Cheyenne Cason	3/18/2022 8:05:00) AM		Chen	l		
Completed By:	Sean Livingston	3/18/2022 8:38:47	7 AM		. <	/	in the	
Reviewed By:	1 3-18-22				<u>ر</u>	~	1 Data	
Chain of Custo								
1. Is Chain of Cus	nadorštva procesa na bio ekonom in 🖕 Kolek Stanica (Daronik		Yes	\checkmark	No		Not Present 🗌	
2. How was the sa	imple delivered?		Cou	rier				
Log In 3. Was an attempt	made to cool the samples	?	Yes		No		NA 🗹	
4. Were all sample	s received at a temperature	e of >0° C to 6.0°C	Yes		No		NA 🔽	
5. Sample(s) in pro	oper container(s)?		Yes	\checkmark	No			
6. Sufficient sample	e volume for indicated test	s)?	Yes	~	No			
7. Are samples (ex	cept VOA and ONG) prope	rly preserved?	Yes	\checkmark	No			
8. Was preservativ	e added to bottles?		Yes		No	✓	NA 🗌	
9. Received at leas	t 1 vial with headspace <1/	4" for AQ VOA?	Yes		No		NA 🗸	
10. Were any samp	e containers received brok	en?	Yes		No	\checkmark		~
	match bottle labels? ies on chain of custody)		Yes	✓	No		# of preserved bottles checked for pH:	
	rectly identified on Chain of	Custody?	Yes	\checkmark	No		(<2 or >12 unless noted) Adjusted?	
	nalyses were requested?	Custody?			No			
14. Were all holding	times able to be met? omer for authorization.)		Yes		No	_	Checked by: 30 3/10/22	2
	g (if applicable)					/		
	ed of all discrepancies with	this order?	Yes		No		NA 🔽	
Person No	tified:	Date		Palasia Marian	der Franklicher Grände und sind	un-cecaner		
By Whom:		Via:	eMa	ail 🗌	Phone	Fax	In Person	
Regarding Client Inst	<u>a</u>		and the second second second second second					
16. Additional rema	rks:							
	Temp °C Condition S	eal Intact Seal No	Seal Da	ate	Signed	Зу		
1 N	IA Good							

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Client: Cottonwood Consulting LLC Mailing Address: PO Box 1653	Turn-Around Time: Standard Cush Project Name: Mudge B #012R	HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com
Durango, CO 81302	Project #:	A -
Phone #: 970-764-7356		Tel. 303-349-3975 Fax 505-345-4107 Analysis Position
email or Fax#: ksiesser@cottonwoodconsulting.com	Project Manager:	
QA/QC Package:	Kyle Siesser	0⁴' 20 SIWI2 CB,2
□ Az Con □ Other	Sampler: Emma Millar	10 ₂ , Р 82705 82705 7)
	TYes & No	08/25 504 01 5 3, <i>N</i> 3, <i>N</i> 3, <i>N</i> 3, <i>N</i> 3, <i>N</i>
	Cooler Temp(induding cF); // /	ni-VC letal 1910 100 100 100 100 100 100 100 100 10
Date Time Matrix Sample Name	tive HEAL No.	TEX / W PH:8015 PH:8016 PH: Br, F, Br, 70 (Sem rtal Colife 22 22
3/17/2022 11 2 O AIR SVE	AN NA STEWARD	Lo 85 85 87 87 87 87 87 87 87 87 87 87 87 87 87
Date: Timo: Deliverit++++		
32 1337	Received by: Via: Via: Date Time Re	Remarks:
		Presso of Shimal (Countrol Woodconsulting.com
If necessary samples exhimited to that Edition	Our aun 3/18/2 0805	
	This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical	isibility. Any sub-contracted data will be clearly notated on the analytical range

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

June 16, 2022

Kyle Siesser Cottonwood Consulting LLC PO BOX 1653 Durango, CO 81302 TEL: (970) 764-7356 FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Mudge B 012R

SVE system data received for the record for Mudge B 012R, report data June 16, 2022.

RECEIVED

OrderNo.: 2206599

By Mike Buchanan at 3:33 pm, Jan 19, 2024

Dear Kyle Siesser:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/10/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2206599 Date Reported: 6/16/2022

CLIENT:Cottonwood Consulting LLCProject:Mudge B 012RLab ID:2206599-001	Matrix: AIR	Collec		6/9/20	22 12:45:00 PM 022 7:05:00 AM
Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES SHOR	T LIST				Analyst: CCM
Benzene	ND	0.20	µg/L	2	6/14/2022 5:02:00 PM
Toluene	ND	0.20	µg/L	2	6/14/2022 5:02:00 PM
Ethylbenzene	0.24	0.20	µg/L	2	6/14/2022 5:02:00 PM
Xylenes, Total	10	0.30	µg/L	2	6/14/2022 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	91.2	70-130	%Rec	2	6/14/2022 5:02:00 PM
Surr: Dibromofluoromethane	103	70-130	%Rec	2	6/14/2022 5:02:00 PM
Surr: Toluene-d8	115	70-130	%Rec	2	6/14/2022 5:02:00 PM
EPA METHOD 8015D: GASOLINE RANGI	E				Analyst: CCM
Gasoline Range Organics (GRO)	580	10	µg/L	2	6/14/2022 5:02:00 PM
Surr: BFB	101	70-130	%Rec	2	6/14/2022 5:02:00 PM

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
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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Wed by OGAL&/16/2022 12:31:38 PM ENVIRONMENTAL ANALYSIS LABORATORY		4901 Hawkins N. Ierque, NM 8710 1X: 505-345-410	e 9 Sa i	mple Log-In Check Li	Page :
Client Name: Cottonwood Consulting LLC	Work Order Number: 2	206599		RcptNo: 1	
Received By: Cheyenne Cason 6/	10/2022 7:05:00 AM	(June		
Completed By: Tracy Casarrubias 6/	10/2022 9:11:12 AM				
Reviewed By: UPG 6.10.77					
Chain of Custody					
1. Is Chain of Custody complete?	Y	es 🗸	No 🗌	Not Present	
2. How was the sample delivered?	<u>C</u> (ourier			
Log In 3. Was an attempt made to cool the samples?	Ye	es 🔽	No 🗌		
4. Were all samples received at a temperature of >	0° C to 6.0°C Ye	es 🗌	No 🗌	NA 🔽	
5. Sample(s) in proper container(s)?	Ye	es 🔽	No 🗌		
6. Sufficient sample volume for indicated test(s)?	Ye	s 🗸	No 🗌		
7. Are samples (except VOA and ONG) properly pre	served? Yes	s 🖌	No 🗌		
8. Was preservative added to bottles?	Ye	s 🗌	No 🗹		
9. Received at least 1 vial with headspace <1/4" for	AQ VOA? Yes	s 🗌	No 🗌		
10. Were any sample containers received broken?	Ye	s 🗆	No 🗹	# of preserved	
 Does paperwork match bottle labels? (Note discrepancies on chain of custody) 	Yes	s 🔽	No 🗌	bottles checked for pH: (<2.01 > 12 unless no	ted)
2. Are matrices correctly identified on Chain of Custo	ody? Yes	s 🗸	No 🗌	Adjusted?	(00)
3. Is it clear what analyses were requested?	Yes	s 🗸	No 🗌		
 Were all holding times able to be met? (If no, notify customer for authorization.) 	Yes	s 🗸	No 🗌	Checked by: CMC G/10	ola
pecial Handling (if applicable)					
15. Was client notified of all discrepancies with this o	rder? Ye	s 🗌	No 🗌	NA 🔽	
Person Notified:	Date:		and the second secon		
By Whom:	<i>p</i>	Aail 🗌 Phone	🗌 Fax	☐ In Person	
Regarding:					
Client Instructions:					
16. Additional remarks:					
7. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Int	ant Carl Maria				
Cooler No Temp °C Condition Seal Int 1 N/A Good Not Pres		Date Sign	ed By		

.

	If necessary, samples submitted to Hall Environmental may be submoted.	15%	Bete: Time: Relinquished by:	22 12	:81:3					6/9/22 1245 AIR SVE	Date Time Matrix Sample Name		EDD (Type)	U NELAC D Other	on:	Standard Level 4 (Full Validation)	QA/QC Package:	email or Fax#: ksiesser@cottonwoodconsulting.com	Phone #: 970-764-7356	Durango, CO 81302	Mailing Address: PO Box 1653	Pag	Cottonwood Consulting LLC	Chain-of-Custody Record
inverse to outer accredited laborationes. This serves as notice of this	Received by: Via: Date Time	Antat Laut 6/9/27 ITUL								1 NA	Container Preservative HEAL No.	Cooler Temp(indusing CF): MA	olers: 1	On Ice: Dr Yes INA	Sampler: Emma Millar		Kvle Siesser	Project Manager:		Project #:	Mudge B #012R		Standard 🛛 Rush	Turn-Around Time:
C		Dease cc emillar@cottonwoodconsulting com								1 1 1 1 1 1 1 2 3 3 5 5 7	BTEX / TPH:801 8081 Pe: EDB (Me PAHs by RCRA 8 CI, F, Br 3260B (V 3270 (Se Fotal Col FPH (80	5D(G sticid ethod 8310 Meta , NC (OA) emi-V	BR(es. 50 0 o als 0 ₃ , 0A) / //////////////////////////////////	DR()82 1) 270 D ₂ , F	D / N PCB SIM: PO ₄ ,	IRO 's S SO		rei: 003-045-0970 Fax 505-345-4107	ر لا			and the second se	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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

Page 11 of 11

CONDITIONS

Action 134647

CONDITIONS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	134647
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By		Condition Date
michael.buchanan	Mudge B 012R data analysis for SVE system received for the record, report dated March 22, 2022.	1/19/2024
michael.buchanan	SVE system data received for the record for Mudge B 012R, report data June 16, 2022.	1/19/2024