# COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

1	4E - BLOW P EC. 34, T28N,				LABORATOF	RY (S) USED	):	GA	
Date :	317	28/24			ſ	DEVELOPER	/ SAMPLER :	100/	DS
WELL	WELL	WATER	DEPTH TO	TOTAL	SAMPLING	рH	CONDUCT	TEMP.	VOLUME
#	ELEV.	ELEV.	WATER	DEPTH	TIME	•	(umhos)	(celcius)	PURGED
	(ft)	(ft)	(ft)	(ft)			(	()	(gal.)
1	103.89	5.09	21.91	27.00	-	-	-	-	-
2R	99.42	3.8	18.85	22.65	-	-	-	-	-
3	95.65	9,18	15.82	25.00	-	-	-	-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62	4.13	17.81	21.94	-	-	-	-	-
4-SH	98.59	-	-	17.50	-	-	-	-	-
5	95.96	6.5	15.28	21.78	1040	7.84	1413	13.9	3
5-SH	95.77	-	-	16.50	-	-	-	-	-
6	96.87	-	-	23.00	-		-	-	-
7	-	-	-	19.22	-	-	-	-	-
NOTES :	NOTES : <u>Volume of water purged from well prior to sampling</u> : $V = pi x r^2 x h x 7.48 gal./ft^3) x 3$ (wellbores). (i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)								
Commente	Ideally a mir		ee (3) wellbor			2.00" well d	iameter =	0.49 gal./ft.	of water.
Comments	or note well o		stanuard Z						

ORC sock in MW #1, #2R, #5, #5-SH.

 Top of casing MW #1 ~ 2.40 ft., MW #2R ~ 2.23 ft., MW #3 ~ 2.30 ft., MW #4 ~ 2.63 ft., MW #5 ~ 2.25 ft.,

 MW #6 ~ 3.00 ft., MW #3-SH ~ 2.50 ft., MW #4-SH ~ 2.50 ft., MW #5-SH ~ 2.50 ft. above grade.

on-site	0930	temp	45°F
off-site	1045	temp	45° F
sky cond.	CIRas	-	
wind speed	0-SMPh	direct.	SW



75 Suttle Street Durango, CO 81303 970.247.4220 Phone jeremy.allen@greenanalytical.com

09 April 2024

Kyle Siesser Cottonwood Consulting PO Box 1653 Durango, CO 81302 RE: GCU #204E

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 15:05. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Nermica & nulls

Veronica Wells Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <a href="http://greenanalytical.com/certifications/">http://greenanalytical.com/certifications/</a>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C24-00019

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-23-16

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Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	04/09/24 08:30

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2403239-01	Water	03/28/24 10:40	03/28/24 15:05	

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	04/09/24 08:30

#### MW #5

2403239-01 (Ground Water) Sampled Date: 03/28/24 10:40

Analyte         Result         RL         MDL         Units         Dilution         Analyzed         Method         Notes	Analyst	;
--	---------	---

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA	Method 8021								
Benzene*	0.292	0.005	0.002	mg/L	5	04/08/24 14:17	8021B		JH
Ethylbenzene*	0.247	0.005	0.001	mg/L	5	04/08/24 14:17	8021B		JH
Toluene*	< 0.005	0.005	0.001	mg/L	5	04/08/24 14:17	8021B		JH
Total BTEX	1.79	0.030	0.005	mg/L	5	04/08/24 14:17	8021B	GC-NC1	JH
Total Xylenes*	1.25	0.015	0.004	mg/L	5	04/08/24 14:17	8021B	GC-NC1	JH
Surrogate: 4-Bromofluorobenzene (PID)			93.5 %	77.5-125		04/08/24 14:17	8021B		JH

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Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	04/09/24 08:30

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040228 - Volatiles	resur	Emit	Cinto	Lever	result	, vitele	Linns	Id D	Linit	10005
Blank (4040228-BLK1)			Prep	oared: 04/02/	24 Analyze	ed: 04/08/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/L	0.0500		93.9	77.5-125			
Benzene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Total BTEX	ND	0.006	mg/L							
Total Xylenes	ND	0.003	mg/L							
LCS (4040228-BS1)			Prep	oared: 04/02/	24 Analyze	ed: 04/08/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/L	0.0500		94.0	77.5-125			
Benzene	0.021	0.001	mg/L	0.0200		106	80.8-112			
Ethylbenzene	0.021	0.001	mg/L	0.0200		105	70.9-120			
m,p-Xylene	0.040	0.002	mg/L	0.0400		101	76.9-119			
o-Xylene	0.021	0.001	mg/L	0.0200		104	71.7-120			
Toluene	0.021	0.001	mg/L	0.0200		105	78.7-114			
Total Xylenes	0.061	0.003	mg/L	0.0600		102	75.6-119			
LCS Dup (4040228-BSD1)			Prep	oared: 04/02/	24 Analyze	ed: 04/08/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0473		mg/L	0.0500		94.5	77.5-125			
Benzene	0.021	0.001	mg/L	0.0200		107	80.8-112	1.27	8.26	
Ethylbenzene	0.021	0.001	mg/L	0.0200		105	70.9-120	0.0523	11.9	
m,p-Xylene	0.040	0.002	mg/L	0.0400		100	76.9-119	0.333	11	
o-Xylene	0.021	0.001	mg/L	0.0200		103	71.7-120	0.934	15	
Toluene	0.021	0.001	mg/L	0.0200		106	78.7-114	0.634	9.03	
Total Xylenes	0.061	0.003	mg/L	0.0600		101	75.6-119	0.537	12.2	

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Veronica Wells, Project Manager *Released to Imaging: 6/27/2025 9:14:55 AM*  The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 5 of 9 2403239 GAL FINAL 04 09 24 0830 04/09/24 08:30:54



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	04/09/24 08:30

#### **Notes and Definitions**

GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
RE	Report Emite
MDL	Method Detection Limit

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	04/09/24 08:30

## **Qualifier Summary**

LabNumber	Analysis	Analyte	Qualifier	TextBody
2403239-01	BTEX 8021B	Total BTEX	GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
2403239-01	BTEX 8021B	Total Xylenes	GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM

Analytical	75 Suttle Street Durango, CO 81303 (970) 247-4220	<b>Note</b> : Write_Out <sup>TM</sup> or similar products cannot be used on the Chain of Oustody	ucts cannot he	th of best	e Chain of	Custody	СНА	N-0F-0	USTOD) FOR	FORM-006, R 8.0	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST FORM-006, R 8.0	REQUE	IST
Company or Client: C	Cottonwood Consulting LLC				Bill to (	Bill to (if different):	nt):		A	ANALYSIS	S REQUEST	EST	
Address: PO Box 1653	9 												
City: Durango	State: CO Zip: 813	31302											
Phone #: 970-764-7356								(5					
Contact Person: Kyle Siesser	iesser							126					
Email Report to: ksiess	Email Report to: ksiesser@cottonwoodconsulting.com							08					
Project Name(optional):	<sup>6</sup> GCU #204E			P.O.#: Rush?				poyte					
Sampler Name (Print): Kelsey O'Brien	Kelsey O'Brien			N V	$\square$	Needed?		M A	_				
		Colle	Collected	Matrix (check one)	leck one)	# of coi	# of containers	/dΞ	_				
Lab I.D. 2407-739 Lab Use Only	Sample Name or Location	Date	Ţ	SROUNDWATER SURFACE WATER MASTEWATER	SOIL SOIL PRINKING WATER	No preservation Nitric Acid	Hydrochloric Acid Sulfuric Acid Sodium Hydroxide	а) XЭТНЕ ВТЕХ (Б					
10	1) MW #5	3/28/24	UPOI					>					
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<b>EXERNOTE:</b> GAL's liability and a marking a clip and a marking a clip and a marking a clip a	<b>PitLESE NOTE:</b> GAL's liability and client's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed that writing and received by GAL which 30 days after completion of the applicable service. In no event shall GAL be liable for incidental or consequental damages including whout limitation, business interruptions, loss of use, or loss of profits incurred by a dient or the analyses of whether such claims including whout limitation, business interruptions, loss of use, or loss of profits incurred by a dient of the particular in the service shows after completion of the applicable service. In no event shall GAL be liable for incidental or consequentia damages including without limitation, business interruptions, loss of use, or loss of profits incurred by a dient, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	n contract or tort, shall be lir le service. In no event shall to the performance of servi	mited to the amount I GAL be liable for in ices hereunder by G	baid by the clie cidental or con AL, regardless	int for the and sequental dar of whether su	llyses. All cl nages, inclu ch claim is t	aims includir ding without based upon a	g those for imitation, bi ny of the ab	negligence ar isiness interru ove stated rea	nd any other uptions, loss asons or othe	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by r such claim is based upon any of the above stated reasons or otherwise.	ever shall be of profits inc	deemed by
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4/09	Date:	Received Rv.			Date.	ſ	Temperature at receipt:	at receip	Г	Checked hv	1 On Ice?	Therm. used:	sed:
/24 08	Time:				Time:	T		2	()	Men	×	16.20	2 12
:30:54	† GAL cannot accept verbal changes. Please email changes to receiving@greenanalytical.com <ul> <li>Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.</li> </ul>	anges. Please email cl gned in "Relinquished	hanges to receiv By:" as an accep	ing@greena tance of se	nalytical.co	m All applica	ble charge			,	Page	-	of /

Received by OCD: 12/30/2024 10:59:52 AM

Received by OCD: 12/30/2024 10:59:52 AM

Analytical			
Laboratories	SAMPLE CONDITION	ON RECEIPT FORM	
Client Name: Cottonuor Con	ulting	Wo	rk Order # <u>2403 - 239</u>
Courier: DFed Ex DUPS DUSP	'S 🖸 Client 🗆 Kanga	aroo 🛛 Third Party 🗌	Other
Custody Seals on Box/Cooler Present: No	🗆 Yes 🗹 No	Seals Intact:  Ves	A 102 10
Thermometer Used: #22 Sample		as begun: 🛛 Yes 🗆 No	Date/Initials of person examining contents:
Type of Ice: Wet Blue None		2.7	Labeled by initials: (if different than above)
Cooler Temp: Observed Temp: 2.7 °	C Correction Factor:	°C Final Temp: (2-7)	(if different than above)
* Temp should be above freezing to 6°C	(		
Chain of Custody Present:	⊠Yes ⊡No	1.	
Chain of Custody Filled Out:	IZYes □No	2.	
Chain of Custody Relinquished:	ØYes DNo	3.	
Sampler Name and Signature on COC:	ZYes DNo	4.	
Samples arrived within hold time:	⊡Yes □No	5.	
Short Hold Time Analysis (<72hr):	□Yes ØNo	6.	
Rush Turn Around Time Requested:	□Yes ØNo	7.	
Sufficient Volume:	⊠Ýes ⊡No	8.	
Correct Containers Used:	⊠Yes □No	9.	
Containers Intact:	Pres □No	10.	
Dissolved Testing Needed:	□Yes ☑No	11.	
Field Filtered: DYes DNo	Pres DNo	12.	
Sample Labels match COC: -Includes Date/Time/ID			
-Includes Date/Time/ID Matrix:	V SL OJ		
Trip Blank Present: Trip Blank Custody Seals Present:	□Yes □No □N/A □Yes □No □N/A	13.	
The didne custory deals resent.			
Client Notification/Resolution:		Data	
Person Contacted:			
Comments/Resolution:			
FORM-039, Rev 2	Page 1 of 1		

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75 Suttle Street Durango, CO 81303 970.247.4220 Phone jeremy.allen@greenanalytical.com

25 June 2024

Kyle Siesser Cottonwood Consulting PO Box 1653 Durango, CO 81302 RE: GCU #204E

Enclosed are the results of analyses for samples received by the laboratory on 06/13/24 09:20. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Nermica & nulls

Veronica Wells Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <a href="http://greenanalytical.com/certifications/">http://greenanalytical.com/certifications/</a>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C24-00019

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C24-00112

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Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	06/25/24 16:47

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2406167-01	Water	06/12/24 09:10	06/13/24 09:20	

Green Analytical Laboratories

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	06/25/24 16:47

#### MW #5

2406167-01 (Ground Water) Sampled Date: 06/12/24 09:10

AnalyteResultRLMDLUnitsDilutionAnalyzedMethodNotesAnalyst
---

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA	Method 8021							
Benzene*	0.488	0.020	0.007	mg/L	20	06/24/24 13:41	8021B	Л
Ethylbenzene*	0.379	0.020	0.005	mg/L	20	06/24/24 13:41	8021B	ЛН
Toluene*	< 0.020	0.020	0.006	mg/L	20	06/24/24 13:41	8021B	ЛН
Total BTEX	3.03	0.120	0.020	mg/L	20	06/24/24 13:41	8021B	ЛН
Total Xylenes*	2.17	0.060	0.016	mg/L	20	06/24/24 13:41	8021B	JH
Surrogate: 4-Bromofluorobenzene (PID)			102 %	77.5-125		06/24/24 13:41	8021B	Л

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	06/25/24 16:47

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4062033 - Volatiles										
Blank (4062033-BLK1)			Prep	oared: 06/20/	24 Analyze	ed: 06/24/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/L	0.0500		98.5	77.5-125			
Benzene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Total BTEX	ND	0.006	mg/L							
Total Xylenes	ND	0.003	mg/L							
LCS (4062033-BS1)			Prep	oared: 06/20/	24 Analyze	ed: 06/24/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/L	0.0500		103	77.5-125			
Benzene	0.019	0.001	mg/L	0.0200		92.8	80.8-112			
Ethylbenzene	0.020	0.001	mg/L	0.0200		99.1	70.9-120			
m,p-Xylene	0.038	0.002	mg/L	0.0400		96.2	76.9-119			
o-Xylene	0.019	0.001	mg/L	0.0200		97.4	71.7-120			
Toluene	0.019	0.001	mg/L	0.0200		94.8	78.7-114			
Total Xylenes	0.058	0.003	mg/L	0.0600		96.6	75.6-119			
LCS Dup (4062033-BSD1)			Prep	oared: 06/20/	24 Analyze	ed: 06/24/2	4			
Surrogate: 4-Bromofluorobenzene (PID)	0.0490		mg/L	0.0500		97.9	77.5-125			
Benzene	0.020	0.001	mg/L	0.0200		99.3	80.8-112	6.83	8.26	
Ethylbenzene	0.020	0.001	mg/L	0.0200		102	70.9-120	2.82	11.9	
m,p-Xylene	0.039	0.002	mg/L	0.0400		98.3	76.9-119	2.24	11	
o-Xylene	0.020	0.001	mg/L	0.0200		99.9	71.7-120	2.51	15	
Toluene	0.020	0.001	mg/L	0.0200		99.3	78.7-114	4.66	9.03	
Total Xylenes	0.059	0.003	mg/L	0.0600		98.9	75.6-119	2.33	12.2	

Green Analytical Laboratories

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	06/25/24 16:47

### **Notes and Definitions**

DET Analyte DETECTED	)
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ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL MDL	Report Limit Method Detection Limit

Green Analytical Laboratories

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM

<u> </u>		Note: Wite-Out <sup>TM</sup> or similar products cannot be used on the Chain Bill t	or similar produc	ts cannot be u	ised on the C	Chain of Custody Bill to (if different):	ody erent):		ANALYSIS RE	SIS REQUEST	EST	
company or Client: C	Cottonwood Consulting LLC					till to (if diffe	erent):		ANALY	-	EST	1
Iddress: PO Box 1653	ω											
ity: Durango	State:	CO Zip: 81302										
Phone #: 970-764-7356								B)				
Contact Person: Kyle Siesser	iesser							021				
Email Report to: ksiess	Email Report to: ksiesser@cottonwoodconsulting.com							08 b				
Project Name(optional):				_	P.O. #:			etho				
					٦,	TAT Needed?		Me				
Sampler Name (Print): Kelsey O'Brien	Kelsey O'Brien				YUNL	Neene		PA				
			Collected	ted	Matrix (check one)	1	# of containers	EP				
					ATER ER WATER		d	BTEX (I				
Lab Use Only	men6.13		Date	Time	ROUND URFACE VASTEW/ RODUCE	RINKING	litric Aci Hydrochl Sulfuric A Sodium Hy DTHER:					
01	1) MW #5		6/12/24 (				4	Х				
	2)											
	3)											
	4)											
	5)											
	6)											
	7)											
	8)											
	9)											
	10)											
PLEASE NOTE: GAL's liability waived unless made in writing di	PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion of the applicable service. In no event shall GAL be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by determined	whether based in contra of the applicable servic out of or related to the p	ct or tort, shall be limi ce. In no event shall c reformance of service	ted to the amount SAL be liable for in as hereunder by G	paid by the client icidental or consec AL, regardless of	or the analyses, juental damages whether such cla	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by r such claim is based upon any of the above stated reasons or otherwise.	those for neglin nitation, busines y of the above s	gence and any o ss interruptions, itated reasons o	other cause whats loss of use, or los r otherwise.	so of profits incurring	red by
Relinquished By:	Date	0112/24	Received By:	•		Date:	ADDITIONAL REMARKS:	EMARKS:				
Mary (	) VV Time:	1700	S			Time:	<u> </u>					
Relinquished By:	Date:	6/12/24	Received By:	h	-		2					
	Date:	51150	Deceived By:	~		Date:	Temperature at receipt:	at receipt:	Checked by:	v: On Ice?	? Therm. used:	ġ
Kelinquistied by.	Time:		Manager P.			Time:		4-9 %	Lun	-		2

# Received by OCD: 12/30/2024 10:59:52 AM 2

† GAL cannot accept verbal changes. Please email changes to receiving@greenanalytical.com
 \* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.

Page

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Page 7 of 8 2406167 GAL FINAL 06 25 24 1647 06/25/24 16:47:45

Page 17 of 54 Table of Contents



# SAMPLE CONDITION RECEIPT FORM

Client Name: <u>Cotton woo</u>	d Consulti	na Work	Order # 2400- 167
	Client 🗆 Kang	2	Dther
Custody Seals on Box/Cooler Present:		Seals Intact: □ Yes □ No	
Thermometer Used: #2 Samples	on ice, cooling process	has begun:  ☑ Yes □ No	Date/Initials of person COV examining contents: 6.13.24
Type of Ice: 🗹 Wet 🗆 Blue 🗆 None			
Cooler Temp: Observed Temp: $4.9  ^{\circ}C$ * Temp should be above freezing to $6^{\circ}C$		_°C Final Temp: <u>4.9</u> °C	Labeled by initials: (if different than above)
	·		
Chain of Custody Present:	⊠Yes □No	1.	
Chain of Custody Filled Out:	PYes □No	2.	
Chain of Custody Relinquished:	⊠Yes □No	3.	•
Sampler Name and Signature on COC:	Pres DNo	4.	
Samples arrived within hold time:	⊠Yes □No	5.	
Short Hold Time Analysis (<72hr):		6.	
Rush Turn Around Time Requested:	□Yes ØNo	7.	
Sufficient Volume:	□Yes □No	8.	
Correct Containers Used:	Pres DNo	9.	
Containers Intact:	ElYes □No	10. A. v bubbes in 01,03,0	ч
Dissolved Testing Needed:	□Yes INo	11.	
Field Filtered:  Yes  No			
Sample Labels match COC:	⊠Yes □No	12.	그는 것이 좋은 이것이 것을 위한 것을 가지 않는다.
-Includes Date/Time/ID			그는 말에 다가 눈 것을 가지 않는다.
Matrix:	WOST SL OT		
Trip Blank Present:	□Yes □No ₽₩Ã	13.	
Trip Blank Custody Seals Present:	□Yes □No □HTA		
Client Notification/Resolution:			
Person Contacted:		Date/Time:	
Comments/Resolution:			
FORM-039, Rev 2	Page 1 of 1		

Page 8 of 8 2406167 GAL FINAL 06 25 24 1647 06/25/24 16:47:45



75 Suttle Street Durango, CO 81303 970.247.4220 Phone jeremy.allen@greenanalytical.com

26 September 2024

Kyle Siesser Cottonwood Consulting PO Box 1653 Durango, CO 81302 RE: GCU #204E

Enclosed are the results of analyses for samples received by the laboratory on 09/17/24 16:20. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Nermica & nulls

Veronica Wells Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <a href="http://greenanalytical.com/certifications/">http://greenanalytical.com/certifications/</a>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C24-00019

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C24-00112

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2409203-01: MW #5	4
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Chain of Custody & Attachments	15



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2409203-01	Water	09/17/24 10:20	09/17/24 16:20	

Green Analytical Laboratories

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

#### MW #5

2409203-01 (Ground Water)

Sampled Date: 09/17/24 10:20

AnalyteResultRLMDLUnitsDilutionAnalyzedMethodNotesAnalyzed
--

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

VOLATILES BY GC/MS								
1,1,1,2-Tetrachloroethane*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,1,1-Trichloroethane*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,1,2,2-Tetrachloroethane*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,1,2-Trichloroethane*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,1-Dichloroethane*	< 0.025	0.025	0.008	mg/L	50	09/25/24 16:28	8260B	MS
1,1-Dichloroethene*	< 0.025	0.025	0.009	mg/L	50	09/25/24 16:28	8260B	MS
1,1-Dichloropropene*	< 0.025	0.025	0.008	mg/L	50	09/25/24 16:28	8260B	MS
1,2,3-Trichlorobenzene*	< 0.025	0.025	0.012	mg/L	50	09/25/24 16:28	8260B	MS
1,2,4-Trichlorobenzene*	< 0.025	0.025	0.006	mg/L	50	09/25/24 16:28	8260B	MS
1,2,4-Trimethylbenzene*	0.149	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
1,2-Dibromo-3-chloropropane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B	MS
1,2-Dibromoethane*	< 0.025	0.025	0.005	mg/L	50	09/25/24 16:28	8260B	MS
1,2-Dichlorobenzene*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,2-Dichloroethane*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B	MS
1,2-Dichloropropane*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B	MS
1,3,5-Trimethylbenzene*	0.087	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
1,3-Dichlorobenzene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
1,3-Dichloropropane*	< 0.025	0.025	0.007	mg/L	50	09/25/24 16:28	8260B	MS
1,4-Dichlorobenzene	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
1,4-Dioxane	< 0.500	0.500	0.500	mg/L	50	09/25/24 16:28	8260B	MS
1.2.3-trichloropropane*	< 0.025	0.025	0.006	mg/L	50	09/25/24 16:28	8260B	MS
2,2-Dichloropropane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B	MS
2-Butanone*	< 0.100	0.100	0.100	mg/L	50	09/25/24 16:28	8260B	MS
2-Chlorotoluene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
2-Hexanone*	< 0.050	0.050	0.016	mg/L	50	09/25/24 16:28	8260B	MS
4-Chlorotoluene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B	MS
4-Methyl-2-pentanone*	< 0.050	0.050	0.006	mg/L	50	09/25/24 16:28	8260B	MS
Acetone*	< 0.500	0.500	0.043	mg/L	50	09/25/24 16:28	8260B	MS
Acrolein*	< 0.250	0.250	0.054	mg/L	50	09/25/24 16:28	8260B	MS
Acrylonitrile*	< 0.100	0.100	0.040	mg/L	50	09/25/24 16:28	8260B	MS

Green Analytical Laboratories

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Cottonwood Consulting		I	Project: VO	2 8260					
PO Box 1653	Proj	ect Name / N						Report	ed:
Durango CO, 81302		Project M	anager: Kyle	e Siesser				09/26/24	15:42
			MW #5						
			8-01 (Groui   Date: 09		·				
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Subcontracted Cardin	al Laboratories 1	01 East N	larland	Hobbs.	NM 88	240			
VOLATILES BY GC/MS		of Last iv	<u>Iuriunu</u>	110003,					
Benzene*	0.351	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
Bromobenzene*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B		MS
Bromochloromethane*	< 0.025	0.025	0.007	mg/L	50	09/25/24 16:28	8260B		MS
Bromodichloromethane*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
3romoform*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS
3romomethane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Carbon disulfide*	< 0.050	0.050	0.007	mg/L	50	09/25/24 16:28	8260B		MS
Carbon tetrachloride*	< 0.025	0.025	0.008	mg/L	50	09/25/24 16:28	8260B		MS
Chlorobenzene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
Chloroethane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Chloroform*	< 0.025	0.025	0.0008	mg/L	50	09/25/24 16:28	8260B		MS
Chloromethane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
is-1,2-Dichloroethene*	< 0.025	0.025	0.012	mg/L	50	09/25/24 16:28	8260B		MS
is-1,3-Dichloropropene*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS
Dibromochloromethane*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS
Dibromomethane*	< 0.025	0.025	0.008	mg/L	50	09/25/24 16:28	8260B		MS
Dichlorodifluoromethane*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Ethylbenzene*	0.376	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
Hexachlorobutadiene*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
odomethane	< 0.050	0.050	0.003	mg/L	50	09/25/24 16:28	8260B		MS
sopropylbenzene*	< 0.025	0.025	0.001	mg/L	50	09/25/24 16:28	8260B		MS
n+p - Xylene*	2.42	0.050	0.004	mg/L	50	09/25/24 16:28	8260B		MS
Aethyl tert-butyl ether	< 0.050	0.050	0.012	mg/L	50	09/25/24 16:28	8260B		MS
Aethylene chloride*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Naphthalene*	0.068	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS
-Butylbenzene*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B		MS
-Propylbenzene*	< 0.025	0.025	0.003	mg/L	50	09/25/24 16:28	8260B		MS
o-Xylene*	< 0.025	0.025	0.006	mg/L	50	09/25/24 16:28	8260B		MS
-Isopropyltoluene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
ec-Butylbenzene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
Styrene*	< 0.025	0.025	0.006	mg/L	50	09/25/24 16:28	8260B		MS
ert-Butylbenzene*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS

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Cottonwood Consulting			Project: VO	DC 8260					
PO Box 1653	Proj	ect Name / 1	Number: GO	CU #204E				Report	ed:
Durango CO, 81302		Project N	lanager: Ky	yle Siesser				09/26/24	15:42
			MW #	5					
				und Water 09/17/24 1(	·				
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Subcontracted Cardina	al Laboratories 1	<b>01 East</b> 1	Marland	Hobbs,	NM 882	240			
VOLATILES BY GC/MS									
Fetrachloroethene*	< 0.025	0.025	0.005	mg/L	50	09/25/24 16:28	8260B		MS
Foluene*	< 0.025	0.025	0.004	mg/L	50	09/25/24 16:28	8260B		MS
Fotal Xylenes*	2.42	0.050	0.010	mg/L	50	09/25/24 16:28	8260B		MS
rans-1,2-Dichloroethene*	< 0.025	0.025	0.007	mg/L	50	09/25/24 16:28	8260B		MS
rans-1,3-Dichloropropene*	< 0.025	0.025	0.002	mg/L	50	09/25/24 16:28	8260B		MS
rans-1,4-Dichloro-2-butene	< 0.500	0.500	0.014	mg/L	50	09/25/24 16:28	8260B		MS
Frichloroethene*	< 0.025	0.025	0.009	mg/L	50	09/25/24 16:28	8260B		MS
Frichlorofluoromethane*	< 0.025	0.025	0.007	mg/L	50	09/25/24 16:28	8260B		MS
Vinyl acetate*	< 0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Vinyl chloride*	<0.025	0.025	0.025	mg/L	50	09/25/24 16:28	8260B		MS
Surrogate: 4-Bromofluorobenzene			99.1 %	76.4-114		09/25/24 16:28	8260B		MS
urrogate: Dibromofluoromethane			106 %	82.4-141		09/25/24 16:28	8260B		MS
Surrogate: Toluene-d8			105 %	87.1-110		09/25/24 16:28	8260B		MS

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

#### **VOLATILES BY GC/MS - Quality Control**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091935 - Volatiles										
Blank (4091935-BLK1)			Prep	ared: 09/19/	24 Analyze	ed: 09/24/24	4			
1,1,1,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,1-Trichloroethane	ND	0.0005	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0005	mg/L							
1,1-Dichloroethane	ND	0.0005	mg/L							
1,1-Dichloroethene	ND	0.0005	mg/L							
1,1-Dichloropropene	ND	0.0005	mg/L							
1,2,3-Trichlorobenzene	ND	0.0005	mg/L							
1,2,4-Trichlorobenzene	ND	0.0005	mg/L							
1,2,4-Trimethylbenzene	ND	0.0005	mg/L							
1,2-Dibromo-3-chloropropane	ND	0.0005	mg/L							
1,2-Dibromoethane	ND	0.0005	mg/L							
1,2-Dichlorobenzene	ND	0.0005	mg/L							
1,2-Dichloroethane	ND	0.0005	mg/L							
1,2-Dichloropropane	ND	0.0005	mg/L							
1,3,5-Trimethylbenzene	ND	0.0005	mg/L							
1,3-Dichlorobenzene	ND	0.0005	mg/L							
1,3-Dichloropropane	ND	0.0005	mg/L							
1,4-Dichlorobenzene	ND	0.0005	mg/L							
1,4-Dioxane	ND	0.010	mg/L							
1.2.3-trichloropropane	ND	0.0005	mg/L							
2,2-Dichloropropane	ND	0.0005	mg/L							
2-Butanone	ND	0.002	mg/L							
2-Chlorotoluene	ND	0.0005	mg/L							
2-Hexanone	ND	0.001	mg/L							
Surrogate: 4-Bromofluorobenzene	0.0246		mg/L	0.0250		98.4	76.4-114			
4-Chlorotoluene	ND	0.0005	mg/L							
4-Methyl-2-pentanone	ND	0.001	mg/L							
Acetone	ND	0.010	mg/L							
Acrolein	ND	0.005	mg/L							
Acrylonitrile	ND	0.002	mg/L							
Benzene	ND	0.0005	mg/L							
Bromobenzene	ND	0.0005	mg/L							
Bromochloromethane	ND	0.0005	mg/L							
Bromodichloromethane	ND	0.0005	mg/L							
Bromoform	ND	0.0005	mg/L							

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Neronica & nuelles



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

		(	Continu	cu)						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091935 - Volatiles (Continued)										
Blank (4091935-BLK1) (Continued)			Prep	ared: 09/19/	24 Analyz	ed: 09/24/2	4			
Bromomethane	ND	0.0005	mg/L							
Carbon disulfide	ND	0.001	mg/L							
Carbon tetrachloride	ND	0.0005	mg/L							
Chlorobenzene	ND	0.0005	mg/L							
Chloroethane	ND	0.0005	mg/L							
Chloroform	ND	0.0005	mg/L							
Chloromethane	ND	0.0005	mg/L							
cis-1,2-Dichloroethene	ND	0.0005	mg/L							
cis-1,3-Dichloropropene	ND	0.0005	mg/L							
Dibromochloromethane	ND	0.0005	mg/L							
Surrogate: Dibromofluoromethane	0.0254		mg/L	0.0250		102	82.4-141			
Dibromomethane	ND	0.0005	mg/L							
Dichlorodifluoromethane	ND	0.0005	mg/L							
Ethylbenzene	ND	0.0005	mg/L							
Hexachlorobutadiene	ND	0.0005	mg/L							
Iodomethane	ND	0.001	mg/L							
Isopropylbenzene	ND	0.0005	mg/L							
m+p - Xylene	ND	0.001	mg/L							
Methyl tert-butyl ether	ND	0.001	mg/L							
Methylene chloride	ND	0.0005	mg/L							
Naphthalene	ND	0.0005	mg/L							
n-Butylbenzene	ND	0.0005	mg/L							
n-Propylbenzene	ND	0.0005	mg/L							
o-Xylene	ND	0.0005	mg/L							
p-Isopropyltoluene	ND	0.0005	mg/L							
sec-Butylbenzene	ND	0.0005	mg/L							
Styrene	ND	0.0005	mg/L							
tert-Butylbenzene	ND	0.0005	mg/L							
Tetrachloroethene	ND	0.0005	mg/L							
Toluene	ND	0.0005	mg/L							
Surrogate: Toluene-d8	0.0249		mg/L	0.0250		99.7	87.1-110			
Total Xylenes	ND	0.001	mg/L							
trans-1,2-Dichloroethene	ND	0.0005	mg/L							
trans-1,3-Dichloropropene	ND	0.0005	mg/L							
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L							
Trichloroethene	ND	0.0005	mg/L							
Trichlorofluoromethane	ND	0.0005	mg/L							
Vinyl acetate	ND	0.0005	mg/L							
Vinyl chloride	ND	0.0005	mg/L							

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Nerovica & nulles



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

# VOLATILES BY GC/MS - Quality Control

	vol	ATILES BY	(Continu	•	y Contro	1				
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091935 - Volatiles (Continued)										
LCS (4091935-BS1)			Prep	pared: 09/19/	24 Analyz	ed: 09/24/2	4			
1,1,1,2-Tetrachloroethane	0.017	0.0005	mg/L	0.0200		87.2	82.4-120			
1,1,1-Trichloroethane	0.019	0.0005	mg/L	0.0200		95.6	80.7-121			
1,1,2,2-Tetrachloroethane	0.021	0.0005	mg/L	0.0200		105	76.5-121			
1,1,2-Trichloroethane	0.019	0.0005	mg/L	0.0200		93.4	81.7-118			
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		100	74.8-123			
1,1-Dichloroethene	0.021	0.0005	mg/L	0.0200		105	53.9-149			
1,1-Dichloropropene	0.020	0.0005	mg/L	0.0200		100	85.9-115			
1,2,3-Trichlorobenzene	0.023	0.0005	mg/L	0.0200		114	76.1-134			
1,2,4-Trichlorobenzene	0.023	0.0005	mg/L	0.0200		117	72.4-136			
1,2,4-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		112	67.4-138			
1,2-Dibromo-3-chloropropane	0.021	0.0005	mg/L	0.0200		106	71.7-124			
1,2-Dibromoethane	0.020	0.0005	mg/L	0.0200		100	84.9-116			
1,2-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		97.8	82.5-119			
1,2-Dichloroethane	0.018	0.0005	mg/L	0.0200		87.8	72.5-123			
1,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		105	79.4-117			
1,3,5-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		110	69-137			
1,3-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		97.6	84.4-120			
1,3-Dichloropropane	0.020	0.0005	mg/L	0.0200		101	82.6-117			
1,4-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		96.4	81.7-118			
1,4-Dioxane	0.350	0.010	mg/L	0.400		87.4	-34.6-193			
1.2.3-trichloropropane	0.023	0.0005	mg/L	0.0200		116	44.7-168			
2,2-Dichloropropane	0.015	0.0005	mg/L	0.0200		73.0	62.9-136			
2-Butanone	0.036	0.002	mg/L	0.0400		89.1	24.1-159			
2-Chlorotoluene	0.021	0.0005	mg/L	0.0200		107	80.2-121			
2-Hexanone	0.036	0.001	mg/L	0.0400		90.8	56.3-139			
Surrogate: 4-Bromofluorobenzene	0.0251		mg/L	0.0250		101	76.4-114			
4-Chlorotoluene	0.022	0.0005	mg/L	0.0200		111	82.2-125			
4-Methyl-2-pentanone	0.041	0.001	mg/L	0.0400		103	60.7-139			
Acetone	0.045	0.010	mg/L	0.0400		112	39.1-168			
Acrolein	0.185	0.005	mg/L	0.200		92.7	26.6-161			
Acrylonitrile	0.041	0.002	mg/L	0.0400		103	64.9-135			
Benzene	0.020	0.0005	mg/L	0.0200		98.6	69.4-129			
Bromobenzene	0.020	0.0005	mg/L	0.0200		98.4	83.5-115			
Bromochloromethane	0.020	0.0005	mg/L	0.0200		101	70.7-123			
5 K.I. I			-							

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Bromodichloromethane

Bromoform

Bromomethane

Carbon disulfide

Carbon tetrachloride

Nerovica J relles

0.020

0.019

0.017

0.042

0.019

0.0005

0.0005

0.0005

0.001

0.0005

mg/L

mg/L

mg/L

mg/L

mg/L

0.0200

0.0200

0.0200

0.0400

0.0200

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97.7

96.8

87.4

104

93.9

80.3-119

71.1-141

55.1-143

53.6-147

79.5-125



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

		(	Continu	ed)						
	D 1	Reporting	I.I., 't	Spike	Source	0/BEC	%REC	DDD	RPD Limit	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4091935 - Volatiles (Continued)										
LCS (4091935-BS1) (Continued)			Prep	oared: 09/19/	24 Analyze	ed: 09/24/2	4			
Chlorobenzene	0.019	0.0005	mg/L	0.0200		95.4	85.1-115			
Chloroethane	0.019	0.0005	mg/L	0.0200		94.1	36.9-159			
Chloroform	0.018	0.0005	mg/L	0.0200		92.2	80.9-119			
Chloromethane	0.020	0.0005	mg/L	0.0200		102	54.2-142			
cis-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		101	73.8-128			
cis-1,3-Dichloropropene	0.020	0.0005	mg/L	0.0200		102	82.5-122			
Dibromochloromethane	0.019	0.0005	mg/L	0.0200		96.8	83.1-124			
Surrogate: Dibromofluoromethane	0.0241		mg/L	0.0250		96.4	82.4-141			
Dibromomethane	0.019	0.0005	mg/L	0.0200		94.0	77-118			
Dichlorodifluoromethane	0.021	0.0005	mg/L	0.0200		104	38.7-147			
Ethylbenzene	0.020	0.0005	mg/L	0.0200		100	70.2-130			
Hexachlorobutadiene	0.025	0.0005	mg/L	0.0200		123	78.9-148			
Iodomethane	0.036	0.001	mg/L	0.0400		90.3	63.5-135			
Isopropylbenzene	0.020	0.0005	mg/L	0.0200		100	85-124			
m+p - Xylene	0.040	0.001	mg/L	0.0400		101	71.9-133			
Methyl tert-butyl ether	0.037	0.001	mg/L	0.0400		93.6	57.7-137			
Methylene chloride	0.021	0.0005	mg/L	0.0200		103	49.3-163			
Naphthalene	0.021	0.0005	mg/L	0.0200		105	62.1-141			
n-Butylbenzene	0.022	0.0005	mg/L	0.0200		108	75.4-132			
n-Propylbenzene	0.022	0.0005	mg/L	0.0200		111	79.6-124			
o-Xylene	0.021	0.0005	mg/L	0.0200		104	69.4-132			
p-Isopropyltoluene	0.021	0.0005	mg/L	0.0200		107	79.8-131			
sec-Butylbenzene	0.023	0.0005	mg/L	0.0200		117	77.6-133			
Styrene	0.020	0.0005	mg/L	0.0200		98.8	71.7-128			
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		106	78.8-128			
Tetrachloroethene	0.018	0.0005	mg/L	0.0200		89.8	74.2-128			
Toluene	0.018	0.0005	mg/L	0.0200		92.0	68.1-127			
Surrogate: Toluene-d8	0.0254		mg/L	0.0250		101	87.1-110			
Total Xylenes	0.061	0.001	mg/L	0.0600		102	71.6-132			
trans-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		98.6	65.2-133			
trans-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		104	84-123			
trans-1,4-Dichloro-2-butene	0.069	0.010	mg/L	0.0400		172	9.3-235			
Trichloroethene	0.019	0.0005	mg/L	0.0200		95.2	79.3-114			
Trichlorofluoromethane	0.019	0.0005	mg/L	0.0200		89.2	28.6-162			
Vinyl acetate	0.013	0.0005	mg/L	0.0200		66.4	50.9-135			
Vinyl chloride	0.013	0.0005	mg/L	0.0200		106	61.6-133			
-			-		24 4 1					
LCS Dup (4091935-BSD1)	0.017	0.0005		ared: 09/19/	24 Analyze			1.07	C 00	
1,1,1,2-Tetrachloroethane	0.017	0.0005	mg/L	0.0200		85.5	82.4-120	1.97	6.88	
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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

		(	Continu	ed)						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091935 - Volatiles (Continued)										
LCS Dup (4091935-BSD1) (Continued)			Prep	oared: 09/19/	/24 Analyze	ed: 09/24/2	4			
1,1,1-Trichloroethane	0.020	0.0005	mg/L	0.0200		97.9	80.7-121	2.38	7.43	
1,1,2,2-Tetrachloroethane	0.022	0.0005	mg/L	0.0200		109	76.5-121	4.21	8.68	
1,1,2-Trichloroethane	0.019	0.0005	mg/L	0.0200		96.2	81.7-118	2.95	6.82	
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		102	74.8-123	1.98	4.3	
1,1-Dichloroethene	0.021	0.0005	mg/L	0.0200		103	53.9-149	2.31	16.5	
1,1-Dichloropropene	0.020	0.0005	mg/L	0.0200		99.4	85.9-115	0.602	5.47	
1,2,3-Trichlorobenzene	0.022	0.0005	mg/L	0.0200		111	76.1-134	2.89	43	
1,2,4-Trichlorobenzene	0.022	0.0005	mg/L	0.0200		112	72.4-136	4.68	22.3	
1,2,4-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		111	67.4-138	1.30	8.94	
1,2-Dibromo-3-chloropropane	0.020	0.0005	mg/L	0.0200		101	71.7-124	4.68	15.1	
1,2-Dibromoethane	0.020	0.0005	mg/L	0.0200		101	84.9-116	0.299	5.83	
1.2-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		96.0	82.5-119	1.86	8.72	
1,2-Dichloroethane	0.018	0.0005	mg/L	0.0200		92.4	72.5-123	5.05	8.94	
1,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		107	79.4-117	1.42	5.51	
1,3,5-Trimethylbenzene	0.023	0.0005	mg/L	0.0200		113	69-137	2.33	16.5	
1,3-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		100	84.4-120	2.73	9	
1,3-Dichloropropane	0.020	0.0005	mg/L	0.0200		98.6	82.6-117	2.50	6.06	
1.4-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		98.6	81.7-118	2.26	7.71	
1,4-Dioxane	0.372	0.010	mg/L	0.400		93.1	-34.6-193	6.28	35.2	
1.2.3-trichloropropane	0.024	0.0005	mg/L	0.0200		118	44.7-168	1.97	49.2	
2,2-Dichloropropane	0.015	0.0005	mg/L	0.0200		73.0	62.9-136	0.137	9.62	
2-Butanone	0.043	0.002	mg/L	0.0400		109	24.1-159	19.6	14.2	QR-04
2-Chlorotoluene	0.021	0.0005	mg/L	0.0200		104	80.2-121	2.23	8.62	211.0
2-Hexanone	0.040	0.001	mg/L	0.0400		99.3	56.3-139	8.92	7.28	QR-04
Surrogate: 4-Bromofluorobenzene	0.0251		mg/L	0.0250		100	76.4-114			
4-Chlorotoluene	0.022	0.0005	mg/L	0.0200		110	82.2-125	0.902	15.5	
4-Methyl-2-pentanone	0.043	0.001	mg/L	0.0400		107	60.7-139	3.63	7.57	
Acetone	0.047	0.010	mg/L	0.0400		119	39.1-168	5.43	30.5	
Acrolein	0.196	0.005	mg/L	0.200		98.2	26.6-161	5.72	22.4	
Acrylonitrile	0.043	0.002	mg/L	0.0400		107	64.9-135	4.13	7.62	
Benzene	0.020	0.0005	mg/L	0.0200		101	69.4-129	2.31	4.16	
Bromobenzene	0.020	0.0005	mg/L	0.0200		98.3	83.5-115	0.102	8.41	
Bromochloromethane	0.019	0.0005	mg/L	0.0200		97.4	70.7-123	3.23	5.16	
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		99.7	80.3-119	2.03	5.36	
Bromoform	0.020	0.0005	mg/L	0.0200		101	71.1-141	4.64	14.1	
Bromomethane	0.017	0.0005	mg/L	0.0200		85.0	55.1-143	2.79	21.5	
Carbon disulfide	0.042	0.001	mg/L	0.0400		105	53.6-147	0.671	20.3	
Carbon tetrachloride	0.019	0.0005	mg/L	0.0200		94.6	79.5-125	0.690	11.4	
Chlorobenzene	0.020	0.0005	mg/L	0.0200		97.6	85.1-115	2.23	5.18	
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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

		(	Continu	ed)						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
atch 4091935 - Volatiles (Continued)										
CS Dup (4091935-BSD1) (Continued)			Prep	ared: 09/19/	24 Analyz	ed: 09/24/2	4			
Chloroethane	0.019	0.0005	mg/L	0.0200		95.9	36.9-159	1.89	24.1	
Chloroform	0.018	0.0005	mg/L	0.0200		90.8	80.9-119	1.48	5.15	
Chloromethane	0.020	0.0005	mg/L	0.0200		101	54.2-142	0.785	27	
cis-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		105	73.8-128	3.15	5.73	
cis-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		106	82.5-122	3.93	6.09	
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		98.6	83.1-124	1.84	7.24	
Surrogate: Dibromofluoromethane	0.0244		mg/L	0.0250		97.5	82.4-141			
Dibromomethane	0.019	0.0005	mg/L	0.0200		96.8	77-118	2.88	5.75	
Dichlorodifluoromethane	0.020	0.0005	mg/L	0.0200		102	38.7-147	1.02	22.6	
Ethylbenzene	0.020	0.0005	mg/L	0.0200		99.8	70.2-130	0.200	4.83	
Hexachlorobutadiene	0.025	0.0005	mg/L	0.0200		124	78.9-148	0.731	18.4	
lodomethane	0.036	0.001	mg/L	0.0400		90.5	63.5-135	0.249	24.3	
sopropylbenzene	0.020	0.0005	mg/L	0.0200		100	85-124	0.0499	6.25	
n+p - Xylene	0.040	0.001	mg/L	0.0400		101	71.9-133	0.447	5.77	
Methyl tert-butyl ether	0.039	0.001	mg/L	0.0400		97.0	57.7-137	3.57	12.8	
Methylene chloride	0.021	0.0005	mg/L	0.0200		104	49.3-163	1.21	19.7	
Japhthalene	0.021	0.0005	mg/L	0.0200		105	62.1-141	0.476	33.5	
-Butylbenzene	0.021	0.0005	mg/L	0.0200		106	75.4-132	1.35	10.1	
n-Propylbenzene	0.022	0.0005	mg/L	0.0200		112	79.6-124	0.850	9.09	
p-Xylene	0.021	0.0005	mg/L	0.0200		103	69.4-132	0.727	6.29	
o-Isopropyltoluene	0.023	0.0005	mg/L	0.0200		114	79.8-131	5.65	9.26	
ec-Butylbenzene	0.023	0.0005	mg/L	0.0200		117	77.6-133	0.384	9.85	
Styrene	0.020	0.0005	mg/L	0.0200		99.4	71.7-128	0.606	7.55	
ert-Butylbenzene	0.021	0.0005	mg/L	0.0200		106	78.8-128	0.283	18.6	
Fetrachloroethene	0.018	0.0005	mg/L	0.0200		89.1	74.2-128	0.783	6.38	
Toluene	0.019	0.0005	mg/L	0.0200		93.3	68.1-127	1.40	5.67	
Surrogate: Toluene-d8	0.0253		mg/L	0.0250		101	87.1-110			
Total Xylenes	0.061	0.001	mg/L	0.0600		101	71.6-132	0.541	5.83	
rans-1,2-Dichloroethene	0.019	0.0005	mg/L	0.0200		95.4	65.2-133	3.25	19.1	
rans-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		104	84-123	0.672	6.26	
rans-1,4-Dichloro-2-butene	0.069	0.010	mg/L	0.0400		172	9.3-235	0.218	92.8	
Frichloroethene	0.020	0.0005	mg/L	0.0200		99.8	79.3-114	4.62	4.92	
Frichlorofluoromethane	0.018	0.0005	mg/L	0.0200		89.0	28.6-162	0.224	19.8	
Vinyl acetate	0.014	0.0005	mg/L	0.0200		70.6	50.9-135	6.13	7.84	
Vinyl chloride	0.021	0.0005	mg/L	0.0200		105	61.6-133	1.14	23	

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

### **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	
	Laboratory Control Sample (Blank Spike)
RL	Laboratory Control Sample (Blank Spike) Report Limit

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/24 15:42

## **Qualifier Summary**

LabNumber_	Analysis	Analyte	Qualifier	<u>TextBody</u>
4091935-BSD1	Volatile 8260	2-Butanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
4091935-BSD1	Volatile 8260	2-Hexanone	QR-04	The RPD for the BS/BSD was outside of historical limits.

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Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM

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	<		4					<	020	9/17/24		MW #5	(1)	
	·				SOIL	-	WAS	-	Time	Date			Lab Use Only	
		ium H	lroch furic	pres ic Ac	-		TEW						2409-202	
	EPA	lydroxide	loric Ac Acid	servatio		ED WAT	ATER	WATER E WATE			cation	Sample Name or Location	Lab I.D.	
	A M	e	cid	on	_							0		
	eth	rs	ntainer	# of containers		Matrix (check one)	trix (cl	Ma	ted	Collected				T
	od			,d?	Needed?		z			26	Ham Songen	Vilsen O'Roten /D	Sampler Name (Print):	S
	826				TAT	] <sub>1</sub> ,	Rush?	,						
	50E		1	1			P.O. #:	P					Project Name(optional):	D
	3 (V							Γ				Email Report to: ksiesser@cottonwoodconsulting.com	mail Report to: ksiesser	Ш
	00											sser	Contact Person: Kyle Siesser	0
	cs)												Phone #: 970-764-7356	J
											CO Zip: 81302	State: (	City: Durango	Г ()
													Address: PO Box 1653	2
ANALYSIS REQUEST			nt):	liffere	Bill to (if different):	Bill						Cottonwood Consulting LLC	Company or Client: Cot	0
				istody	n of Cu	e Chai	on the	used	s cannot be	r similar product	Note: Wite-Out <sup>TM</sup> or similar products cannot be used on the Chain of Custody	(910) 241 4220	Laboratories	
												Durango, CO 81303		
FORM-006, R 8.0												75 Suttle Street		
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	OF-CUS	HAIN-	C										1	

## Received by OCD: 12/30/2024 10:59:52 AM

# Page 33 of 54 Table of Contents

Released to Imaging: 6/27/2025 9:14:55 AM



## SAMPLE CONDITION RECEIPT FORM

Client Name: Cotto ~ wood Consul	Iting	Work	Order # 2-409-203
Courier: □Fed Ex □UPS □USPS □	Client 🗆 Kanga	aroo 🛛 Third Party 🖾 C	ther
Custody Seals on Box/Cooler Present:  Ves,	1 No	Seals Intact:  Yes  No	
Thermometer Used: $4 \gamma$ Samples on ic	e, cooling process h	as begun: 🛛 🖓 es 🗆 No	Date/Initials of person 9.17.24 examining contents: CON
Type of Ice: ☑Wet □ Blue □ None	đ		Labeled by initials:
Cooler Temp: Observed Temp: $14.7 \circ C$ Co * Temp should be above freezing to $6^{\circ}C$		°C Final Temp: 16.2°C	(if different than above)
Chain of Custody Present:	ØYes □No	1.	
Chain of Custody Filled Out:	⊠Yes □No	2.	
Chain of Custody Relinquished:	⊡Yes □No	3.	
Sampler Name and Signature on COC:	⊡Yes □No	4.	
Samples arrived within hold time:	⊠Yes □No	5.	
Short Hold Time Analysis (<72hr):	□Yes 2No	6.	
Rush Turn Around Time Requested:	□Yes ØNo	7.	
Sufficient Volume:	ØYes □No	8.	
Correct Containers Used:	ØYes □No	9.	
Containers Intact:	ØYes □No	10.	
Dissolved Testing Needed:	□Yes ⊉No	11.	
Field Filtered:  Yes  No	ZYes □No	12.	
Sample Labels match COC: -Includes Date/Time/ID	-		
Matrix:	WT SL OT	13.	
Trip Blank Present: Trip Blank Custody Seals Present:	□Yes □No ☑N/A □Yes □No □N/A		
Client Notification/Resolution:			
Person Contacted:	)	Date/Time:	
Comments/Resolution:			

FORM-039, Rev 2

Page 1 of 1



75 Suttle Street Durango, CO 81303 970.247.4220 Phone jeremy.allen@greenanalytical.com

26 December 2024

Kyle Siesser Cottonwood Consulting PO Box 1653 Durango, CO 81302 RE: GCU #204E

Enclosed are the results of analyses for samples received by the laboratory on 12/10/24 16:50. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Nermica & nulls

Veronica Wells Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <a href="http://greenanalytical.com/certifications/">http://greenanalytical.com/certifications/</a>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C24-00019

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C24-00112

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2412103-01: MW #5	4
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Qualifier Summary	14
Chain of Custody & Attachments	15


Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2412103-01	Water	12/10/24 09:20	12/10/24 16:50	

Green Analytical Laboratories

Nerovica J relles

Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

#### MW #5

	2412103-01 ( Sampled Date Sampled By:				9:20	ey O'Brien			
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

VOLATILES BY GC/MS								
1,1,1,2-Tetrachloroethane	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B	SK
1,1,1-Trichloroethane	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B	SK
1,1,2,2-Tetrachloroethane	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B	SK
1,1,2-Trichloroethane	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B	SK
1,1-Dichloroethane	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B	SK
1,1-Dichloroethene	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B	SK
1,1-Dichloropropene	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B	SK
1,2,3-Trichlorobenzene	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B	SK
1,2,4-Trichlorobenzene	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
1,2,4-Trimethylbenzene	0.332	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
1,2-Dibromo-3-chloropropane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B	SK
1,2-Dibromoethane	< 0.005	0.005	0.0009	mg/L	10	12/17/24 17:38	8260B	SK
1,2-Dichlorobenzene	< 0.005	0.005	0.0007	mg/L	10	12/17/24 17:38	8260B	SK
1,2-Dichloroethane	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B	SK
1,2-Dichloropropane	< 0.005	0.005	0.0008	mg/L	10	12/17/24 17:38	8260B	SK
1,3,5-Trimethylbenzene	0.154	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
1,3-Dichlorobenzene	< 0.005	0.005	0.0005	mg/L	10	12/17/24 17:38	8260B	SK
1,3-Dichloropropane	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
1,4-Dichlorobenzene	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
1,4-Dioxane	< 0.200	0.200	0.200	mg/L	10	12/17/24 17:38	8260B	SK
1.2.3-trichloropropane	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
2,2-Dichloropropane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B	SK
2-Butanone	< 0.020	0.020	0.020	mg/L	10	12/17/24 17:38	8260B	SK
2-Chlorotoluene	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
2-Hexanone	< 0.010	0.010	0.003	mg/L	10	12/17/24 17:38	8260B	SK
4-Chlorotoluene	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
4-Methyl-2-pentanone	< 0.010	0.010	0.001	mg/L	10	12/17/24 17:38	8260B	SK
Acetone	< 0.100	0.100	0.009	mg/L	10	12/17/24 17:38	8260B	SK

Green Analytical Laboratories

Nermica J Wells



Cottonwood Consulting			Project: VO							
PO Box 1653	Proj	ect Name / N						Reported:		
Durango CO, 81302		Project M	anager: Kyl	e Siesser				12/26/24	15:11	
			MW #5	i						
		241210	3-01 (Grou	nd Water	)					
		Sampleo	Date: 1	2/10/24 09	9:20					
		Sampleo	l By: D	ylan Song	ger & Ke	lsey O'Brien				
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analys	
Subcontracted Cardin	nal Laboratories 1	01 East N	Aarland	Hobbs,	NM 882	240				
OLATILES BY GC/MS										
crolein	< 0.050	0.050	0.011	mg/L	10	12/17/24 17:38	8260B		SK	
Acrylonitrile	< 0.020	0.020	0.008	mg/L	10	12/17/24 17:38	8260B		SK	
enzene	0.464	0.005	0.0005	mg/L	10	12/17/24 17:38	8260B		SK	
Fromobenzene	< 0.005	0.005	0.0006	mg/L	10	12/17/24 17:38	8260B		SK	
romochloromethane	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B		SK	
romodichloromethane	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B		SK	
romoform	< 0.005	0.005	0.0009	mg/L	10	12/17/24 17:38	8260B		SK	
romomethane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
arbon disulfide	< 0.010	0.010	0.001	mg/L	10	12/17/24 17:38	8260B		SK	
arbon tetrachloride	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B		SK	
hlorobenzene	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B		SK	
hloroethane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
hloroform	< 0.005	0.005	0.0002	mg/L	10	12/17/24 17:38	8260B		SK	
hloromethane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
s-1,2-Dichloroethene	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B		SK	
s-1,3-Dichloropropene	< 0.005	0.005	0.0009	mg/L	10	12/17/24 17:38	8260B		SK	
ibromochloromethane	< 0.005	0.005	0.0008	mg/L	10	12/17/24 17:38	8260B		SK	
ibromomethane	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B		SK	
vichlorodifluoromethane	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
thylbenzene	0.400	0.005	0.0003	mg/L	10	12/17/24 17:38	8260B		SK	
lexachlorobutadiene	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
odomethane	< 0.010	0.010	0.0006	mg/L	10	12/17/24 17:38	8260B		SK	
sopropylbenzene	0.048	0.005	0.0002	mg/L	10	12/17/24 17:38	8260B		SK	
1+p - Xylene	1.68	0.010	0.0008	mg/L	10	12/17/24 17:38	8260B		SK	
lethyl tert-butyl ether	< 0.010	0.010	0.002	mg/L	10	12/17/24 17:38	8260B		SK	
lethylene chloride	< 0.010	0.010	0.005	mg/L	10	12/17/24 17:38	8260B		SK	
aphthalene	0.083	0.005	0.0008	mg/L	10	12/17/24 17:38	8260B		SK	
-Butylbenzene	< 0.005	0.005	0.0007	mg/L	10	12/17/24 17:38	8260B		SK	
-Propylbenzene	0.043	0.005	0.0005	mg/L	10	12/17/24 17:38	8260B		SK	
-Xylene	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B		SK	
-Isopropyltoluene	0.025	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B		SK	

Green Analytical Laboratories

Nerovica & nulles



Cottonwood Consulting PO Box 1653	Proj	Project: VOC 8260 Project Name / Number: GCU #204E										
Durango CO, 81302		Project Manager: Kyle Siesser										
			MW	#5								
		2412103-01 (Ground Water) Sampled Date: 12/10/24 09:20										
		Sampled By: Dylan Songer & Kelsey O'Brien										
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst			

#### Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

VOLATILES BY GC/MS								
sec-Butylbenzene	< 0.005	0.005	0.0004	mg/L	10	12/17/24 17:38	8260B	SK
Styrene	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
tert-Butylbenzene	< 0.005	0.005	0.0007	mg/L	10	12/17/24 17:38	8260B	SK
Tetrachloroethene	< 0.005	0.005	0.0009	mg/L	10	12/17/24 17:38	8260B	SK
Toluene	< 0.005	0.005	0.0008	mg/L	10	12/17/24 17:38	8260B	SK
Total Xylenes	1.68	0.010	0.002	mg/L	10	12/17/24 17:38	8260B	SK
trans-1,2-Dichloroethene	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
trans-1,3-Dichloropropene	< 0.005	0.005	0.0005	mg/L	10	12/17/24 17:38	8260B	SK
trans-1,4-Dichloro-2-butene	< 0.100	0.100	0.003	mg/L	10	12/17/24 17:38	8260B	SK
Trichloroethene	< 0.005	0.005	0.002	mg/L	10	12/17/24 17:38	8260B	SK
Trichlorofluoromethane	< 0.005	0.005	0.001	mg/L	10	12/17/24 17:38	8260B	SK
Vinyl acetate	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B	SK
Vinyl chloride	< 0.005	0.005	0.005	mg/L	10	12/17/24 17:38	8260B	SK
Surrogate: 4-Bromofluorobenzene			101 %	76.4-114		12/17/24	8260B	SK
						17:38		
Surrogate: Dibromofluoromethane			110 %	82.4-141		12/17/24	8260B	SK
Sumagenta, Taluana de			00.7.0/	071110		17:38 12/17/24	8260B	SK
Surrogate: Toluene-d8			99.7 %	87.1-110		12/17/24 17:38	02000	3K

Green Analytical Laboratories

Nermica J Wells

Veronica Wells, Project Manager Released to Imaging: 6/27/2025 9:14:55 AM



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

#### **VOLATILES BY GC/MS - Quality Control**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4121709 - Volatiles										
Blank (4121709-BLK1)			Prep	ared & Anal	lyzed: 12/17	7/24				
1,1,1,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,1-Trichloroethane	ND	0.0005	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0005	mg/L							
1,1-Dichloroethane	ND	0.0005	mg/L							
1,1-Dichloroethene	ND	0.0005	mg/L							
1,1-Dichloropropene	ND	0.0005	mg/L							
1,2,3-Trichlorobenzene	ND	0.0005	mg/L							
1,2,4-Trichlorobenzene	ND	0.0005	mg/L							
1,2,4-Trimethylbenzene	ND	0.0005	mg/L							
1,2-Dibromo-3-chloropropane	ND	0.0005	mg/L							
1,2-Dibromoethane	ND	0.0005	mg/L							
1,2-Dichlorobenzene	ND	0.0005	mg/L							
1,2-Dichloroethane	ND	0.0005	mg/L							
1,2-Dichloropropane	ND	0.0005	mg/L							
1,3,5-Trimethylbenzene	ND	0.0005	mg/L							
1,3-Dichlorobenzene	ND	0.0005	mg/L							
1,3-Dichloropropane	ND	0.0005	mg/L							
1,4-Dichlorobenzene	ND	0.0005	mg/L							
1,4-Dioxane	ND	0.020	mg/L							
1.2.3-trichloropropane	ND	0.0005	mg/L							
2,2-Dichloropropane	ND	0.0005	mg/L							
2-Butanone	ND	0.002	mg/L							
2-Chlorotoluene	ND	0.0005	mg/L							
2-Hexanone	ND	0.001	mg/L							
Surrogate: 4-Bromofluorobenzene	0.0466		mg/L	0.0500		93.3	76.4-114			
4-Chlorotoluene	ND	0.0005	mg/L							
4-Methyl-2-pentanone	ND	0.001	mg/L							
Acetone	ND	0.010	mg/L							
Acrolein	ND	0.005	mg/L							
Acrylonitrile	ND	0.002	mg/L							
Benzene	ND	0.0005	mg/L							
Bromobenzene	ND	0.0005	mg/L							
Bromochloromethane	ND	0.0005	mg/L							
Bromodichloromethane	ND	0.0005	mg/L							
Bromoform	ND	0.0005	mg/L							

Green Analytical Laboratories

Nermica J Wells



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

			Continu							
		Reporting		Spike	Source	0/852	%REC	DF5	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4121709 - Volatiles (Continued)										
Blank (4121709-BLK1) (Continued)			Prep	ared & Anal	yzed: 12/17	7/24				
Bromomethane	ND	0.0005	mg/L							
Carbon disulfide	ND	0.001	mg/L							
Carbon tetrachloride	ND	0.0005	mg/L							
Chlorobenzene	ND	0.0005	mg/L							
Chloroethane	ND	0.0005	mg/L							
Chloroform	ND	0.0005	mg/L							
Chloromethane	ND	0.0005	mg/L							
cis-1,2-Dichloroethene	ND	0.0005	mg/L							
cis-1,3-Dichloropropene	ND	0.0005	mg/L							
Dibromochloromethane	ND	0.0005	mg/L							
Surrogate: Dibromofluoromethane	0.0528		mg/L	0.0500		106	82.4-141			
Dibromomethane	ND	0.0005	mg/L							
Dichlorodifluoromethane	ND	0.0005	mg/L							
Ethylbenzene	ND	0.0005	mg/L							
Hexachlorobutadiene	ND	0.0005	mg/L							
Iodomethane	ND	0.001	mg/L							
Isopropylbenzene	ND	0.0005	mg/L							
m+p - Xylene	ND	0.001	mg/L							
Methyl tert-butyl ether	ND	0.001	mg/L							
Methylene chloride	ND	0.0005	mg/L							
Naphthalene	ND	0.0005	mg/L							
n-Butylbenzene	ND	0.0005	mg/L							
n-Propylbenzene	ND	0.0005	mg/L							
o-Xylene	ND	0.0005	mg/L							
p-Isopropyltoluene	ND	0.0005	mg/L							
sec-Butylbenzene	ND	0.0005	mg/L							
Styrene	ND	0.0005	mg/L							
tert-Butylbenzene	ND	0.0005	mg/L							
Tetrachloroethene	ND	0.0005	mg/L							
Toluene	ND	0.0005	mg/L							
Surrogate: Toluene-d8	0.0489		mg/L	0.0500		97.7	87.1-110			
Total Xylenes	ND	0.001	mg/L							
trans-1,2-Dichloroethene	ND	0.0005	mg/L							
trans-1,3-Dichloropropene	ND	0.0005	mg/L							
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L							
Trichloroethene	ND	0.0005	mg/L							
Trichlorofluoromethane	ND	0.0005	mg/L							
Vinyl acetate	ND	0.0005	mg/L							
Vinyl chloride	ND	0.0005	mg/L							

Green Analytical Laboratories

Nermica J Wells



Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

		(	Continu	ied)						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4121709 - Volatiles (Continued)										
LCS (4121709-BS1)			Prep	oared & Anal	lyzed: 12/17	7/24				
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200	-	99.0	82.4-120			
1,1,1-Trichloroethane	0.021	0.0005	mg/L	0.0200		107	80.7-121			
1,1,2,2-Tetrachloroethane	0.014	0.0005	mg/L	0.0200		69.8	76.5-121			BS
1,1,2-Trichloroethane	0.020	0.0005	mg/L	0.0200		98.6	81.7-118			
1,1-Dichloroethane	0.021	0.0005	mg/L	0.0200		103	74.8-123			
1,1-Dichloroethene	0.022	0.0005	mg/L	0.0200		109	53.9-149			
1,1-Dichloropropene	0.020	0.0005	mg/L	0.0200		98.4	85.9-115			
1,2,3-Trichlorobenzene	0.022	0.0005	mg/L	0.0200		112	76.1-134			
1,2,4-Trichlorobenzene	0.024	0.0005	mg/L	0.0200		118	72.4-136			
1,2,4-Trimethylbenzene	0.021	0.0005	mg/L	0.0200		106	67.4-138			
1,2-Dibromo-3-chloropropane	0.013	0.0005	mg/L	0.0200		66.0	71.7-124			BS
1,2-Dibromoethane	0.017	0.0005	mg/L	0.0200		85.2	84.9-116			
1,2-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		97.2	82.5-119			
1,2-Dichloroethane	0.022	0.0005	mg/L	0.0200		108	72.5-123			
1,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		93.6	79.4-117			
1,3,5-Trimethylbenzene	0.021	0.0005	mg/L	0.0200		106	69-137			
1,3-Dichlorobenzene	0.022	0.0005	mg/L	0.0200		108	84.4-120			
1,3-Dichloropropane	0.017	0.0005	mg/L	0.0200		85.0	82.6-117			
1,4-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		102	81.7-118			
1,4-Dioxane	1.15	0.020	mg/L	2.00		57.4	-34.6-193			
1.2.3-trichloropropane	0.015	0.0005	mg/L	0.0200		73.8	44.7-168			
2,2-Dichloropropane	0.023	0.0005	mg/L	0.0200		114	62.9-136			
2-Butanone	0.040	0.002	mg/L	0.0400		99.1	24.1-159			
2-Chlorotoluene	0.019	0.0005	mg/L	0.0200		96.4	80.2-121			
2-Hexanone	0.022	0.001	mg/L	0.0400		56.0	56.3-139			BS
Surrogate: 4-Bromofluorobenzene	0.0474	01001	mg/L	0.0500		94.8	76.4-114			
4-Chlorotoluene	0.020	0.0005	mg/L	0.0200		99.7	82.2-125			
4-Methyl-2-pentanone	0.026	0.000	mg/L	0.0400		64.0	60.7-139			
Acetone	0.020	0.001	mg/L	0.0400		178	39.1-168			BS
Acrolein	0.243	0.010	mg/L	0.200		178	26.6-161			D5.
Acrylonitrile	0.243	0.003	mg/L mg/L	0.200		99.8	64.9-135			
Benzene	0.040	0.0002	mg/L	0.0200		95.5	69.4-129			
	0.019	0.0005	-	0.0200		101	83.5-115			
Bromobenzene			mg/L mg/I							
Bromochloromethane	0.020	0.0005	mg/L mg/I	0.0200		97.5 102	70.7-123			
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		102	80.3-119			
Bromoform	0.018	0.0005	mg/L	0.0200		91.9	71.1-141			
Bromomethane	0.021	0.0005	mg/L	0.0200		106	55.1-143			
Carbon disulfide	0.061	0.001	mg/L	0.0400		153	53.6-147			BS
Carbon tetrachloride	0.022	0.0005	mg/L	0.0200		108	79.5-125			

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

		(	Continu	ed)						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4121709 - Volatiles (Continued)										
LCS (4121709-BS1) (Continued)			Prep	ared & Anal	yzed: 12/17	//24				
Chlorobenzene	0.020	0.0005	mg/L	0.0200		100	85.1-115			
Chloroethane	0.021	0.0005	mg/L	0.0200		103	36.9-159			
Chloroform	0.019	0.0005	mg/L	0.0200		93.6	80.9-119			
Chloromethane	0.018	0.0005	mg/L	0.0200		89.8	54.2-142			
cis-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		103	73.8-128			
cis-1,3-Dichloropropene	0.020	0.0005	mg/L	0.0200		102	82.5-122			
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		98.8	83.1-124			
Surrogate: Dibromofluoromethane	0.0514		mg/L	0.0500		103	82.4-141			
Dibromomethane	0.019	0.0005	mg/L	0.0200		96.2	77-118			
Dichlorodifluoromethane	0.022	0.0005	mg/L	0.0200		108	38.7-147			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		95.2	70.2-130			
Hexachlorobutadiene	0.024	0.0005	mg/L	0.0200		122	78.9-148			
Iodomethane	0.043	0.001	mg/L	0.0400		108	63.5-135			
Isopropylbenzene	0.020	0.0005	mg/L	0.0200		102	85-124			
m+p - Xylene	0.039	0.001	mg/L	0.0400		98.7	71.9-133			
Methyl tert-butyl ether	0.037	0.001	mg/L	0.0400		93.3	57.7-137			
Methylene chloride	0.024	0.0005	mg/L	0.0200		122	49.3-163			
Naphthalene	0.017	0.0005	mg/L	0.0200		84.4	62.1-141			
n-Butylbenzene	0.024	0.0005	mg/L	0.0200		118	75.4-132			
n-Propylbenzene	0.021	0.0005	mg/L	0.0200		105	79.6-124			
o-Xylene	0.019	0.0005	mg/L	0.0200		97.2	69.4-132			
p-Isopropyltoluene	0.022	0.0005	mg/L	0.0200		109	79.8-131			
sec-Butylbenzene	0.022	0.0005	mg/L	0.0200		108	77.6-133			
Styrene	0.019	0.0005	mg/L	0.0200		93.1	71.7-128			
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		103	78.8-128			
Tetrachloroethene	0.019	0.0005	mg/L	0.0200		96.2	74.2-128			
Toluene	0.018	0.0005	mg/L	0.0200		91.4	68.1-127			
Surrogate: Toluene-d8	0.0500		mg/L	0.0500		100	87.1-110			
Total Xylenes	0.059	0.001	mg/L	0.0600		98.2	71.6-132			
trans-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		103	65.2-133			
trans-1,3-Dichloropropene	0.020	0.0005	mg/L	0.0200		98.8	84-123			
trans-1,4-Dichloro-2-butene	0.044	0.010	mg/L	0.0400		111	9.3-235			
Trichloroethene	0.019	0.0005	mg/L	0.0200		92.6	79.3-114			
Trichlorofluoromethane	0.023	0.0005	mg/L	0.0200		114	28.6-162			
Vinyl acetate	0.019	0.0005	mg/L	0.0200		93.4	50.9-135			
Vinyl chloride	0.021	0.0005	mg/L	0.0200		106	61.6-133			
LCS Dup (4121709-BSD1)			Prep	ared & Anal	yzed: 12/17	//24				
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200	-	97.9	82.4-120	1.07	6.88	

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

		(	Continu	ed)						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4121709 - Volatiles (Continued)										
LCS Dup (4121709-BSD1) (Continued)			Prep	ared & Anal	yzed: 12/17	7/24				
1,1,1-Trichloroethane	0.020	0.0005	mg/L	0.0200		101	80.7-121	5.40	7.43	
1,1,2,2-Tetrachloroethane	0.018	0.0005	mg/L	0.0200		87.6	76.5-121	22.7	8.68	QR-0
1,1,2-Trichloroethane	0.020	0.0005	mg/L	0.0200		99.6	81.7-118	1.11	6.82	
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		98.0	74.8-123	4.68	4.3	QR-0
1,1-Dichloroethene	0.020	0.0005	mg/L	0.0200		101	53.9-149	8.38	16.5	
1,1-Dichloropropene	0.019	0.0005	mg/L	0.0200		94.4	85.9-115	4.15	5.47	
1,2,3-Trichlorobenzene	0.025	0.0005	mg/L	0.0200		124	76.1-134	9.45	43	
1,2,4-Trichlorobenzene	0.022	0.0005	mg/L	0.0200		112	72.4-136	4.86	22.3	
1,2,4-Trimethylbenzene	0.020	0.0005	mg/L	0.0200		101	67.4-138	5.51	8.94	
1,2-Dibromo-3-chloropropane	0.021	0.0005	mg/L	0.0200		104	71.7-124	44.3	15.1	QR-04
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		96.8	84.9-116	12.8	5.83	QR-04
1,2-Dichlorobenzene	0.018	0.0005	mg/L	0.0200		92.5	82.5-119	4.96	8.72	
1,2-Dichloroethane	0.022	0.0005	mg/L	0.0200		112	72.5-123	3.59	8.94	
1,2-Dichloropropane	0.018	0.0005	mg/L	0.0200		89.4	79.4-117	4.65	5.51	
1,3,5-Trimethylbenzene	0.021	0.0005	mg/L	0.0200		104	69-137	1.95	16.5	
1,3-Dichlorobenzene	0.021	0.0005	mg/L	0.0200		103	84.4-120	4.26	9	
1,3-Dichloropropane	0.018	0.0005	mg/L	0.0200		89.8	82.6-117	5.55	6.06	
1,4-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		100	81.7-118	1.53	7.71	
1,4-Dioxane	1.30	0.020	mg/L	2.00		64.9	-34.6-193	12.3	35.2	
1.2.3-trichloropropane	0.018	0.0005	mg/L	0.0200		90.2	44.7-168	19.9	49.2	
2,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		107	62.9-136	6.92	9.62	
2-Butanone	0.049	0.002	mg/L	0.0400		123	24.1-159	21.5	14.2	QR-04
2-Chlorotoluene	0.018	0.0002	mg/L mg/L	0.0200		88.8	80.2-121	8.26	8.62	QI-0
2-Hexanone	0.038	0.0003	mg/L	0.0200		94.6	56.3-139	51.3	7.28	QR-04
Surrogate: 4-Bromofluorobenzene	0.0473		mg/L	0.0500		94.6	76.4-114			
4-Chlorotoluene	0.019	0.0005	mg/L	0.0200		93.8	82.2-125	6.15	15.5	
4-Methyl-2-pentanone	0.041	0.001	mg/L	0.0400		103	60.7-139	46.6	7.57	QR-04
Acetone	0.073	0.010	mg/L	0.0400		181	39.1-168	2.13	30.5	BS
Acrolein	0.278	0.005	mg/L	0.200		139	26.6-161	13.4	22.4	
Acrylonitrile	0.050	0.002	mg/L	0.0400		126	64.9-135	23.2	7.62	QR-04
Benzene	0.020	0.0005	mg/L	0.0200		97.9	69.4-129	2.48	4.16	<b>(</b> ·
Bromobenzene	0.021	0.0005	mg/L	0.0200		104	83.5-115	2.97	8.41	
Bromochloromethane	0.019	0.0005	mg/L	0.0200		97.0	70.7-123	0.463	5.16	
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		98.1	80.3-119	3.41	5.36	
Bromoform	0.020	0.0005	mg/L mg/L	0.0200		102	71.1-141	10.9	14.1	
Bromomethane	0.020	0.0005	mg/L mg/L	0.0200		97.6	55.1-143	8.53	21.5	
Carbon disulfide	0.020	0.0003	mg/L	0.0200		128	53.6-147	18.2	20.3	
Carbon tetrachloride	0.020	0.0001	mg/L	0.0400		99.6	79.5-125	8.13	20.3 11.4	
Chlorobenzene	0.020	0.0005	mg/L	0.0200		99.0 95.8	85.1-115	4.69	5.18	

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

		(	Continu	ed)						
Analyta	Decult	Reporting	Unito	Spike	Source	%REC	%REC	RPD	RPD Limit	Notos
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4121709 - Volatiles (Continued)										
LCS Dup (4121709-BSD1) (Continued)			Prep	ared & Anal	yzed: 12/17	7/24				
Chloroethane	0.018	0.0005	mg/L	0.0200		88.8	36.9-159	14.5	24.1	
Chloroform	0.019	0.0005	mg/L	0.0200		97.2	80.9-119	3.83	5.15	
Chloromethane	0.018	0.0005	mg/L	0.0200		90.6	54.2-142	0.776	27	
cis-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		105	73.8-128	1.98	5.73	
cis-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		96.9	82.5-122	5.67	6.09	
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		101	83.1-124	2.40	7.24	
Surrogate: Dibromofluoromethane	0.0529		mg/L	0.0500		106	82.4-141			
Dibromomethane	0.021	0.0005	mg/L	0.0200		104	77-118	7.65	5.75	QR-0
Dichlorodifluoromethane	0.020	0.0005	mg/L	0.0200		101	38.7-147	6.83	22.6	
Ethylbenzene	0.018	0.0005	mg/L	0.0200		92.3	70.2-130	3.09	4.83	
Hexachlorobutadiene	0.023	0.0005	mg/L	0.0200		115	78.9-148	6.17	18.4	
Iodomethane	0.041	0.001	mg/L	0.0400		103	63.5-135	4.77	24.3	
Isopropylbenzene	0.020	0.0005	mg/L	0.0200		101	85-124	0.591	6.25	
m+p - Xylene	0.039	0.001	mg/L	0.0400		97.7	71.9-133	1.02	5.77	
Methyl tert-butyl ether	0.042	0.001	mg/L	0.0400		105	57.7-137	12.1	12.8	
Methylene chloride	0.022	0.0005	mg/L	0.0200		111	49.3-163	9.04	19.7	
Naphthalene	0.021	0.0005	mg/L	0.0200		106	62.1-141	23.1	33.5	
n-Butylbenzene	0.024	0.0005	mg/L	0.0200		118	75.4-132	0.0424	10.1	
n-Propylbenzene	0.020	0.0005	mg/L	0.0200		99.4	79.6-124	5.62	9.09	
o-Xylene	0.019	0.0005	mg/L	0.0200		96.7	69.4-132	0.464	6.29	
p-Isopropyltoluene	0.021	0.0005	mg/L	0.0200		105	79.8-131	4.35	9.26	
sec-Butylbenzene	0.019	0.0005	mg/L	0.0200		97.2	77.6-133	11.0	9.85	QR-0
Styrene	0.018	0.0005	mg/L	0.0200		87.6	71.7-128	6.03	7.55	
tert-Butylbenzene	0.020	0.0005	mg/L	0.0200		97.5	78.8-128	5.29	18.6	
Tetrachloroethene	0.020	0.0005	mg/L	0.0200		98.3	74.2-128	2.16	6.38	
Toluene	0.018	0.0005	mg/L	0.0200		89.1	68.1-127	2.60	5.67	
Surrogate: Toluene-d8	0.0501		mg/L	0.0500		100	87.1-110			
Total Xylenes	0.058	0.001	mg/L	0.0600		97.4	71.6-132	0.835	5.83	
trans-1,2-Dichloroethene	0.019	0.0005	mg/L	0.0200		93.9	65.2-133	8.81	19.1	
trans-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		103	84-123	4.21	6.26	
trans-1,4-Dichloro-2-butene	0.045	0.010	mg/L	0.0400		112	9.3-235	0.808	92.8	
Trichloroethene	0.020	0.0005	mg/L	0.0200		99.8	79.3-114	7.43	4.92	QR-0
Trichlorofluoromethane	0.020	0.0005	mg/L	0.0200		101	28.6-162	11.9	19.8	
Vinyl acetate	0.023	0.0005	mg/L	0.0200		113	50.9-135	18.7	7.84	QR-0
Vinyl chloride	0.019	0.0005	mg/L	0.0200		94.6	61.6-133	11.8	23	<b>X</b> • • •

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Cottonwo	od Consulting	Project: VOC 8260	
PO Box 1	653	Project Name / Number: GCU #204E	Reported:
Durango (	CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11
		Notes and Definitions	
QR-04	The RPD for the BS/BSD w	as outside of historical limits.	
BS2	Blank spike recovery below	laboratory acceptance criteria. Results for analyte potentially biased low.	
BS1	Blank spike recovery above	laboratory acceptance criteria. Results for analyte potentially biased high	1.
DET	Analyte DETECTED		
ND	Analyte NOT DETECTED at or abo	ve the reporting limit	
NR	Not Reported		
dry	Sample results reported on a dry we	ght basis	
	*Results reported on as received bas	is unless designated as dry.	
RPD	Relative Percent Difference		
LCS	Laboratory Control Sample (Blank S	pike)	
RL	Report Limit		

MDL Method Detection Limit

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU #204E	Reported:
Durango CO, 81302	Project Manager: Kyle Siesser	12/26/24 15:11

#### **Qualifier Summary**

<u>LabNumber</u>	Analysis	Analyte	Qualifier	TextBody
4121709-BS1	Volatile 8260	1,1,2,2-Tetrachloroethane	BS2	Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
4121709-BS1	Volatile 8260	1,2-Dibromo-3-chloropropane	BS2	Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
4121709-BS1	Volatile 8260	2-Hexanone	BS2	Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
4121709-BS1	Volatile 8260	Acetone	BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
4121709-BS1	Volatile 8260	Carbon disulfide	BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
4121709-BSD1	Volatile 8260	1,1,2,2-Tetrachloroethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	1,1-Dichloroethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	1,2-Dibromo-3-chloropropane	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	1,2-Dibromoethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	2-Butanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	2-Hexanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	4-Methyl-2-pentanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	Acetone	BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
4121709-BSD1	Volatile 8260	Acrylonitrile	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	Dibromomethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	sec-Butylbenzene	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	Trichloroethene	QR-04	The RPD for the BS/BSD was outside of historical limits.
4121709-BSD1	Volatile 8260	Vinyl acetate	QR-04	The RPD for the BS/BSD was outside of historical limits.

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the second se		Date:		red By:	Received By:	Date:	Relinquished By:
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analyses. An identity including under for hegingence and any other deares missioned is and to occurre damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by r such claim is based upon any of the above stated reasons or otherwise.	ing without limitation, t ised upon any of the a	ent for the analyses. All canins requental damages, including of whether such claim is based	ount paid by the cliv for incidental or cor by GAL, regardless	snall be limited to the am event shall GAL be liable ice of services hereunder	ontract or tort, : service. In no e the performand	PLEASE NOTE: GAL's liability and client's exclusive remedy for any dam ansing wherener based in contract or tor, shall be limited to the amount paid by the liability and client's with during those or incignition of the applicable service. In no event shall GAL be liable for incidential or consequential damages, including without limited ton, business interruptions, loss of use waived unless made in writing and received by GAL within 30 days after completion of the applicable service. In no event shall GAL be liable for incidential or consequential damages, including without limited ton, business interruptions, loss of use client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise	PLEASE NOTE: GAL's liability and c waived unless made in writing and rec client, its
several se							10)
							(6
							8)
					A.A.		7)
					-		6)
							5)
							4)
							3)
							2)
	<	4	<	10/24 0920	12/10	MW #5	0 ( 1) M
	Sulfuric	DRINKIN SOIL OTHER: No pre Nitric A	WASTEV	te Time	Date		Lab Use Only
		IG WATER	E WATER			Sample Name or Location	Lab I.D.
		eck one) # of containers	Matrix (check one)	Collected	Τ		
		Neede	Y N		Brien	Julan Senace / Kelsey 0'E	Sampler Name (Print):
	826	TAT	٦,				G
	50E		P.O. #				Project Name(optional):
	B (V					ottonwoodconsulting.com	Email Report to: ksiesser@cottonwoodconsulting.com
	oc		I				Contact Person: Kyle Siesser
	s)						Phone #: 970-764-7356
					302	State: CO Zip: 81302	ity: Durango
							uddress: PO Box 1653
ANALYSIS REQUEST		Bill to (if different):				Cottonwood Consulting LLC	Company or Client: Cottor
FORM-006, R 8.0		Chain of Custody	be used on the	Note: Wite-Out <sup>TM</sup> or similar products cannot be used on the Chain of Custody	<sup>TM</sup> or simila	75 Suttle Street Durango, CO 81303 (970) 247-4220 Note: Wite-Ou	Analytical (970)
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	CHAIN-OF-C						

### Received by OCD: 12/30/2024 10:59:52 AM

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H Brenn			Table of Contents
Analytical			Date/Initials of person /2.41. examining contents:
Laboratories	PLE CONDITIC	ON RECEIPT FORM	Labeled by initials: (if different than above)
Client Name: Cottomand Consultin	non	We	ork Order $# 2412 - 103$
	-		□Other
Custody Seals on Box/Cooler Present:  Yes	/		GAL Cooler #:
Thermometer Used: 20 Samples on id			
Type of Ice: Wet Blue INone Cod	oler Temp: Observ	ed Temp: 10,3 °C Correction	on Factor: O °C Final Temp: 10-3
Compliance: 🗆 Yes 🗹 No			* Temp should be above freezing 6°C
Chain of Custody Filled Out:	ØYes ⊡No	1.	
COC Signed when Relinquished and Received:	ØYes □No	2.	
Sampler Name and Signature on COC: *Required for compliance	ØYes □No	3.	
Samples arrived within hold time:	ØYes □No	4.	
Correct Containers Used & Intact:	⊠Yes □No	5.	
Short Hold Time Analysis (<72hr):	□Yes ☑No	6.	
Rush Turn Around Time Requested: *3 day TAT or less requires supervisor approval	□Yes ⊉No	7. Approved By:	
Sufficient Volume:	ØYes □No	8.	
pH's acceptable upon receipt, where applicable: *Not including metals bottles	□Yes □No 1211/A	9.	
Dissolved Testing Needed: Field Filtered: □Yes □N	⊡Yes ⊉tNo o	10.	
Sample Labels match COC: -Includes Date/Time/ID	⊠Yes ⊡No	11,	
Trip Blank Custody Seals Present:	Yes No N/A Yes No N/A Yes No N/A	12.	
Non-Conformance(s):		13.	
Client Notification/Resolution: Person Contacted:		Date/Time:	
Comments/Resolution:			

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### COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

### CLIENT : SIMCOE LLC

Date :	6/12	.124			C	)EVELOPEF	R / SAMPLER :	KO / 1	25
WELL	WELL	WATER	DEPTH TO	TOTAL	SAMPLING	рН	CONDUCT	TEMP.	VOLUME
#	ELEV.	ELEV.	WATER	DEPTH	TIME		(umhos)	(celcius)	PURGED
	(ft)	(ft)	(ft)	(ft)		és - T			(gal.)
1	103.89	7.86	19.14	27.00	-	-	-	-	-
2R	99.42	17515.59	17.11	22.65	-	-	-	-	-
3	95.65	11.2	13.80	25.00	-	-	-	1°-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62	5.72	16,22	21.94	-	-	-	-	-
4-SH	98.59	- 1	-	17.50	-	-	-	-	-
5	95.96	7.26	14.52	21.78	0910	6.59	1539	121	3,5
5-SH	95.77	-	-	16.50	- 100	-	-	-	-
6	96.87	-	-	23.00	-	-	-	-	-
7	-	-	-	19.22	-	-	-		-

Ideally a minimum of three (3) wellbore volumes:

2.00" well diameter = 0.49 gal./ft. of water.

Comments or note well diameter if not standard 2".

ORC sock in MW #1, #2R, #5, #5-SH.

Top of casing MW #1 ~ 2.40 ft., MW #2R ~ 2.23 ft., MW #3 ~ 2.30 ft., MW #4 ~ 2.63 ft., MW #5 ~ 2.25 ft., MW #6 ~ 3.00 ft., MW #3-SH ~ 2.50 ft., MW #4-SH ~ 2.50 ft., MW #5-SH ~ 2.50 ft. above grade.

on-site	temp	
off-site	temp	
sky cond.		
wind speed	direct.	

# COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

### CLIENT : SIMCOE LLC

GCU	#:	204E ·	- BL	OW PI	Т	
UNIT	١,	SEC.	34,	T28N,	R12W	

LABORATORY (S) USED :

GAL

Date :

9/17/24

DEVELOPER / SAMPLER : KO/DS

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING	рН	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89	8,70	18.30	27.00	· · ·	-	1 1		
2R	99.42	5,83	16.82	22.65			-	-	-
3	95.65	10,74	14.76	25.00			-		-
3-SH	96.52	-	- vice	17.50			-	-	-
4	98.62	5,80	16,14	21.94	-	-			-
4-SH	98.59	-		17.50					-
5	95.96	7.01	14.69	21.78	1020	IGE	1071	171	2 5
5-SH	95.77	-	1.1	16.50	1020	6.95	1610	1/11	3,5
6	96.87	-		23.00			-	-	-
7		-		19.22	-		-		-

Volume of water purged from well prior to sampling:  $V = pi x r^2 x h x 7.48 \text{ gal./ft}^3 x 3$  (wellbores). NOTES : (i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)

Ideally a minimum of three (3) wellbore volumes:

2.00" well diameter = 0.49 gal./ft. of water.

Comments or note well diameter if not standard 2".

ORC sock in MW #1, #2R, #5, #5-SH.

Top of casing MW #1 ~ 2.40 ft., MW #2R ~ 2.23 ft., MW #3 ~ 2.30 ft., MW #4 ~ 2.63 ft., MW #5 ~ 2.25 ft., MW #6 ~ 3.00 ft., MW #3-SH ~ 2.50 ft., MW #4-SH ~ 2.50 ft., MW #5-SH ~ 2.50 ft. above grade.

on-site 0930 temp 60 off-site temp Rain sky cond. wind speed 0.5 direct.

Released to Imaging: 6/27/2025 9:14:55 AM

## COTTONWOOD CONSULTING LLC MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

### CLIENT : SIMCOE LLC

GCU # 204E - BLOW PIT UNIT I, SEC. 34, T28N, R12W			]		LABORATOR	):	GAL		
Date :	12/1	0/24			D	EVELOPER	/ SAMPLER :	05/1	40
WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pН	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89		117.42	27.00					-
2R	99.42		1613	22.65	-		-	-	-
3	95.65		13.35	25.00	-	-	-		-
3-SH	96.52		-	17.50	-	-	-	-	
4	98.62		16.67	21.94	-	-			-
4-SH	98.59	-	-	17.50	-		-	-	-
5	95.96	6.39	14,89	21.78	0920	8.33	1560	12.7	3.38
5-SH	95.77	-	-	16.50	1.	-	-	-	
6	96.87	-	-	23.00	-	124	-	-	
7	-	-		19.22		-		-	-

NOTES: Volume of water purged from well prior to sampling:  $V = pi x r^2 x h x 7.48 gal./ft^3) x 3$  (wellbores). (i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)

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on-site	temp	
off-site	temp	
sky cond.	and the second second	
wind speed	direct.	

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				
Dperator:	OGRID:			
SIMCOE LLC	329736			
1199 Main Ave., Suite 101	Action Number:			
Durango, CO 81301	415774			
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)			

CONDITION	IS	
Created By		Condition Date
jburdine	GCU #204E Groundwater Monitoring Lab Report(s) accepted for the record. Analysis and sampling information is included for wells on site. DTW and field notes included for other wells. Sampling event took place semiannually all four (4) quarters in 2024.	6/27/2025

CONDITIONS

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Action 415774