75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

28 June 2023

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 06/22/23 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,

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 http://greenanalytical.com/certifications/

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: T104704514-23-17

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

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	06/28/23 15:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2306228-01	Water	06/21/23 14:10	06/22/23 09:20	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

GREEN Analytical Laboratories

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	06/28/23 15:38

MW #5

2306228-01 (Ground Water)

Sampled Date: 06/21/23 14:10

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

Volatile Organic Compounds by EPA Method 8021

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Benzene*	**0.016**	0.001	0.0003	mg/L	1	06/23/23 17:08	8021B		MS
Toluene*	**0.0004**	0.001	0.0004	mg/L	1	06/23/23 17:08	8021B	J	MS
Ethylbenzene*	**0.008**	0.001	0.0002	mg/L	1	06/23/23 17:08	8021B		MS
Total Xylenes*	**0.022**	0.003	0.001	mg/L	1	06/23/23 17:08	8021B		MS
Total BTEX	**0.046**	0.006	0.001	mg/L	1	06/23/23 17:08	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*77.5-125*		*06/23/23 17:08*	*8021B*		MS

Green Analytical Laboratories

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	06/28/23 15:38

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 3062309 - Volatiles										
Blank (3062309-BLK1)			Prepared & Analyzed: 06/23/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0523*		mg/L	*0.0500*		*105*	*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 (3062309-BS1)			Prepared & Analyzed: 06/23/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0514*		mg/L	*0.0500*		*103*	*77.5-125*			
Benzene	0.019	0.001	mg/L	0.0200		96.6	80.8-112			
Ethylbenzene	0.018	0.001	mg/L	0.0200		92.1	70.9-120			
m,p-Xylene	0.038	0.002	mg/L	0.0400		95.8	76.9-119			
o-Xylene	0.018	0.001	mg/L	0.0200		91.9	71.7-120			
Toluene	0.019	0.001	mg/L	0.0200		93.2	78.7-114			
Total Xylenes	0.057	0.003	mg/L	0.0600		94.5	75.6-119			
LCS Dup (3062309-BSD1)			Prepared & Analyzed: 06/23/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0512*		mg/L	*0.0500*		*102*	*77.5-125*			
Benzene	0.020	0.001	mg/L	0.0200		102	80.8-112	5.82	8.26	
Ethylbenzene	0.019	0.001	mg/L	0.0200		96.6	70.9-120	4.74	11.9	
m,p-Xylene	0.040	0.002	mg/L	0.0400		100	76.9-119	4.42	11	
o-Xylene	0.020	0.001	mg/L	0.0200		97.5	71.7-120	5.98	15	
Toluene	0.020	0.001	mg/L	0.0200		98.8	78.7-114	5.82	9.03	
Total Xylenes	0.060	0.003	mg/L	0.0600		99.3	75.6-119	4.93	12.2	

Green Analytical Laboratories

Veronica Wells, Project Manager

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	06/28/23 15:38

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
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
MDL	Method Detection Limit

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Green Analytical Laboratories
(970) 247-4220
Fax: (970) 247-4227
service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Company Name: Cottonwood Consulting	Bill to (if different):
Project Manager: Kyle Siesser	P.O. #:
Address: PO Box 1653	Company:
City: Durango **State:** CO **Zip:** 81302	Attn:
Phone #: (970) 764-7356 **Email:** ksiesser@cottonwoodconsulting.com	Address:
Additional Report To:	City:
Project Name: GCU #204E	State: Zip:
Project Number:	Phone #:
Sampler Name (Print): Joseph LaFortune	Fax or Email:

FOR LAB USE ONLY Lab I.D.	Sample Name or Location	Collected Date	Collected Time	Matrix (check one): GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	OTHER :	# of containers: No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	Other:	ANALYSIS REQUEST: BTEX (EPA Method 8021B)
2306-228 01	MW #5	6-21-23	1410	X								4					X

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 receiver by GAL within 30 days after completion. 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 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.

Relinquished By:	**Date:** 6-22-23 **Time:** 0920	Received By:	ADDITIONAL REMARKS: Report to State? (Circle) Yes (No)
Relinquished By:	Date: Time:	Received By:	
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) (Sampler) UPS - FedEx - Kangaroo - Other: on ice	Temperature at reciept: 2.7°C laser #2	CHECKED BY: MRN	

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

Analytical Laboratories

SAMPLE CONDITION RECEIPT FORM

Client Name: Cottonwood Consulting

Work Order # 2306-228

Courier: ☐Fed Ex ☐UPS ☐USPS ☑Client ☐Kangaroo

Custody Seals on Box/Cooler Present: ☐ Yes ☑ No Seals Intact: ☐ Yes ☐ No

Thermometer Used: #2 Samples on Ice, cooling process has begun: ☑ Yes ☐ No

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: Observed Temp: 2.7 °C Correction Factor: 0 °C Final Temp: 2.7 °C

* Temp should be above freezing to 6°C

Date/Initials of person examining contents: MRN 6/22/23

Labeled by Initials: _____ (if different then above)

Chain of Custody Present:	☑Yes ☐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 ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume:	☑Yes ☐No	8.
Correct Containers Used:	☑Yes ☐No	9.
Containers Intact:	☑Yes ☐No	10.
Dissolved Testing Needed: Field Filtered: ☐Yes ☐No	☐Yes ☑No	11.
Sample Labels match COC: -Includes Date/Time/ID Matrix:	☑Yes ☐No WT SL OT	12.
Trip Blank Present: Trip Blank Custody Seals Present:	☐Yes ☐No ☑N/A ☐Yes ☐No ☑N/A	13.

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

FORM-039, Rev 1 Page 1 of 1

75 Suttle Street
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26 September 2023

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 09/19/23 14:15. 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,

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 http://greenanalytical.com/certifications/

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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

Green Analytical Laboratories
jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/23 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2309201-01	Water	09/19/23 11:30	09/19/23 14:15	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

GREEN Analytical Laboratories

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/23 14:07

MW #5

2309201-01 (Ground Water)
Sampled Date: 09/19/23 11:30

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

Volatile Organic Compounds by EPA Method 8021

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Benzene*	**0.003**	0.001	0.0003	mg/L	1	09/20/23 11:51	8021B		JH/
Toluene*	<0.001	0.001	0.0004	mg/L	1	09/20/23 11:51	8021B		JH/
Ethylbenzene*	**0.002**	0.001	0.0002	mg/L	1	09/20/23 11:51	8021B		JH/
Total Xylenes*	**0.007**	0.003	0.001	mg/L	1	09/20/23 11:51	8021B		JH/
Total BTEX	**0.012**	0.006	0.001	mg/L	1	09/20/23 11:51	8021B		JH/
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*77.5-125*		*09/20/23 11:51*	*8021B*		JH/

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

GREEN Analytical Laboratories

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/23 14:07

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 3091818 - Volatiles										
Blank (3091818-BLK1)				Prepared: 09/18/23 Analyzed: 09/20/23						
Surrogate: 4-Bromofluorobenzene (PID)	*0.0537*		mg/L	*0.0500*		*107*	*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 (3091818-BS1)				Prepared: 09/18/23 Analyzed: 09/20/23						
Surrogate: 4-Bromofluorobenzene (PID)	*0.0501*		mg/L	*0.0500*		*100*	*77.5-125*			
Benzene	0.019	0.001	mg/L	0.0200		95.5	80.8-112			
Ethylbenzene	0.020	0.001	mg/L	0.0200		102	70.9-120			
m,p-Xylene	0.041	0.002	mg/L	0.0400		102	76.9-119			
o-Xylene	0.021	0.001	mg/L	0.0200		104	71.7-120			
Toluene	0.019	0.001	mg/L	0.0200		97.1	78.7-114			
Total Xylenes	0.062	0.003	mg/L	0.0600		103	75.6-119			
LCS Dup (3091818-BSD1)				Prepared: 09/18/23 Analyzed: 09/20/23						
Surrogate: 4-Bromofluorobenzene (PID)	*0.0530*		mg/L	*0.0500*		*106*	*77.5-125*			
Benzene	0.021	0.001	mg/L	0.0200		103	80.8-112	7.91	8.26	
Ethylbenzene	0.022	0.001	mg/L	0.0200		111	70.9-120	7.67	11.9	
m,p-Xylene	0.044	0.002	mg/L	0.0400		109	76.9-119	6.46	11	
o-Xylene	0.022	0.001	mg/L	0.0200		108	71.7-120	3.91	15	
Toluene	0.021	0.001	mg/L	0.0200		105	78.7-114	7.82	9.03	
Total Xylenes	0.065	0.003	mg/L	0.0600		109	75.6-119	5.61	12.2	

Green Analytical Laboratories

Veronica Wells, Project Manager

jeremy.allen@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	09/26/23 14:07

Notes and Definitions

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
MDL	Method Detection Limit

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Green Analytical Laboratories
(970) 247-4220 service@greenanalytical.com or dzufelt@greenanalytical.com
Fax: (970) 247-4227 75 Suttle St Durango, CO 81303

Company Name: Cottonwood Consulting LLC
Project Manager: Kyle Siesser
Address: PO Box 1653
City: Durango State: CO Zip: 81302
Phone #: 970-764-7356 Email: ksiesser@cottonwoodconsulting.com
Additional Report To:
Project Name: GCU #204E
Project Number:
Sampler Name (Print): Dylan Songer + Emma Millar

Bill to (if different):
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax or Email:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample Name or Location	Collected Date	Collected Time	Matrix (check one) GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	OTHER :	# of containers No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	BTEX (EPA Method 8021B)
2309-201 C1	MW #5	9/19/23	1130	X								4				X

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. 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 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.

Relinquished By:	Date: 9/19/23 Time: 1415	Received By:
Relinquished By:	Date: Time:	Received By:
Relinquished By:	Date: Time:	Received By:

ADDITIONAL REMARKS:

Report to State? (Circle) Yes (No)

Delivered By: (Circle One) Sampler - UPS - FedEx - Kangaroo - Other: laser # 2 on ice

Temperature at reciept: 21.3°C

CHECKED BY: MRN

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

GAL Analytical Laboratories

SAMPLE CONDITION RECEIPT FORM

Client Name: Cottonwood Consulting **Work Order #** 2309-701

Courier: ☐Fed Ex ☐UPS ☐USPS ☒Client ☐Kangaroo

Custody Seals on Box/Cooler Present: ☐ Yes ☒No Seals Intact: ☐ Yes ☒ No

Thermometer Used: 2 Samples on ice, cooling process has begun: ☒ Yes ☐ No

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: Observed Temp 21.3 °C Correction Factor: 0 °C Final Temp: 21.3 °C

* *Temp should be above freezing to 6°C*

Date/Initials of person examining contents: 9/19/23 SL

Labeled by Initials: _____
(If different than above)

Chain of Custody Present:	☒Yes ☐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 ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume:	☒Yes ☐No	8.
Correct Containers Used:	☒Yes ☐No	9.
Containers Intact:	☒Yes ☐No	10.
Dissolved Testing Needed: Field Filtered: ☐Yes ☐No	☐Yes ☒No	11.
Sample Labels match COC: -Includes Date/Time/ID	☒Yes ☐No	12.
Matrix:	WT SL OT	
Trip Blank Present: Trip Blank Custody Seals Present:	☐Yes ☐No ☐N/A ☐Yes ☐No ☐N/A	13.

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

FORM-039, Rev 1 **Page 1 of 1**

75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
jeremy.allen@greenanalytical.com

09 January 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 12/14/23 16:40. This data replaces the previous report (See case narrative). 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,

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 http://greenanalytical.com/certifications/

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: T104704514-23-18

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

Table of Contents

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #5	2312134-01	Water	12/14/23 08:55	12/14/23 16:40	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

This report has been revised due to client request to correct the project name. This replaces the previously issued report titled 2312134 GAL FINAL 12 21 23 0840.

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

MW #5

2312134-01 (Ground Water)
Sampled Date: 12/14/23 08:55

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

Volatile Organic Compounds by EPA Method 8021

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Benzene*	**0.109**	0.001	0.0004	mg/L	1	12/20/23 11:43	8021B		JH
Ethylbenzene*	**0.118**	0.001	0.0002	mg/L	1	12/20/23 11:43	8021B		JH
Toluene*	<0.001	0.001	0.0003	mg/L	1	12/20/23 11:43	8021B	GC-NC	JH
Total BTEX	**0.578**	0.006	0.001	mg/L	1	12/20/23 11:43	8021B	GC-NC1	JH
Total Xylenes*	**0.351**	0.003	0.0008	mg/L	1	12/20/23 11:43	8021B	GC-NC1	JH
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*77.5-125*		*12/20/23 11:43*	*8021B*		JH

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

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 3121514 - Volatiles										
Blank (3121514-BLK1)			Prepared: 12/15/23 Analyzed: 12/20/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0584*		mg/L	*0.0500*		*117*	*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 (3121514-BS1)			Prepared: 12/15/23 Analyzed: 12/20/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0573*		mg/L	*0.0500*		*115*	*77.5-125*			
Benzene	0.018	0.001	mg/L	0.0200		88.2	80.8-112			
Ethylbenzene	0.019	0.001	mg/L	0.0200		93.1	70.9-120			
m,p-Xylene	0.039	0.002	mg/L	0.0400		97.2	76.9-119			
o-Xylene	0.019	0.001	mg/L	0.0200		94.3	71.7-120			
Toluene	0.018	0.001	mg/L	0.0200		92.0	78.7-114			
Total Xylenes	0.058	0.003	mg/L	0.0600		96.2	75.6-119			
LCS Dup (3121514-BSD1)			Prepared: 12/15/23 Analyzed: 12/20/23							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0564*		mg/L	*0.0500*		*113*	*77.5-125*			
Benzene	0.019	0.001	mg/L	0.0200		92.7	80.8-112	4.95	8.26	
Ethylbenzene	0.019	0.001	mg/L	0.0200		94.9	70.9-120	1.89	11.9	
m,p-Xylene	0.040	0.002	mg/L	0.0400		98.9	76.9-119	1.66	11	
o-Xylene	0.019	0.001	mg/L	0.0200		94.9	71.7-120	0.656	15	
Toluene	0.019	0.001	mg/L	0.0200		94.0	78.7-114	2.14	9.03	
Total Xylenes	0.059	0.003	mg/L	0.0600		97.5	75.6-119	1.34	12.2	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

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.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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
MDL	Method Detection Limit

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: BTEX	
PO Box 1653	Project Name / Number: GCU #204E	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	01/09/24 09:38

Qualifier Summary

LabNumber	Analysis	Analyte	Qualifier	TextBody
2312134-01	BTEX 8021B	Toluene	GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
2312134-01	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.
2312134-01	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.

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Green Analytical Laboratories
(970) 247-4220
Fax: (970) 247-4227
service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Company Name: Cottonwood Consulting LLC
Project Manager: Kyle Siesser
Address: PO Box 1653
City: Durango State: CO Zip: 81302
Phone #: 970-764-7356 Email: ksiesser@cottonwoodconsulting.com
Additional Report To:
Project Name: GCU #204E
Project Number:
Sampler Name (Print): Kelsey O'Brien

Bill to (if different):
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax or Email:

FOR LAB USE ONLY Lab I.D.	Sample Name or Location	Collected Date	Collected Time	Matrix (check one) GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	OTHER :	# of containers No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	ANALYSIS REQUEST BTEX (EPA Method 8021B)
2312.134-01	MW #5	12/14/23	0855	X								4				X

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. 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 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.

Relinquished By:	Date: 12/14/23 Time: 1640	Received By:
Relinquished By:	Date: Time:	Received By:
Relinquished By:	Date: Time:	Received By:

ADDITIONAL REMARKS:

Report to State? (Circle) Yes (No)

Delivered By: (Circle One) Sampler - UPS - FedEx - Kangaroo - Other: User #2 on ice

Temperature at reciept: 10.4°c

CHECKED BY: MN

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

Analytical Laboratories

SAMPLE CONDITION RECEIPT FORM

Client Name: Cottonwood Consulting **Work Order #** 2312134

Courier: ☐Fed Ex ☐UPS ☐USPS ☒Client ☐Kangaroo

Custody Seals on Box/Cooler Present: ☐ Yes ☒No Seals Intact: ☐ Yes ☒ No

Thermometer Used: 2 Samples on ice, cooling process has begun: ☒ Yes ☐ No

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: Observed Temp: 10.4 °C Correction Factor: 0 °C Final Temp: 10.4 °C

** Temp should be above freezing to 6°C*

Date/Initials of person examining contents: 12.15.23 RAD

Labeled by Initials: (If different than above)

Chain of Custody Present:	☐Yes ☐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 ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☐No	7.
Sufficient Volume:	☐Yes ☐No	8.
Correct Containers Used:	☐Yes ☐No	9.
Containers Intact:	☐Yes ☐No	10.
Dissolved Testing Needed: Field Filtered: ☐Yes ☐No	☐Yes ☐No	11.
Sample Labels match COC: -Includes Date/Time/ID Matrix:	☐Yes ☐No WT SL OT	12.
Trip Blank Present: Trip Blank Custody Seals Present:	☐Yes ☐No ☐N/A ☐Yes ☐No ☐N/A	13.

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

FORM-039, Rev 1 **Page 1 of 1**

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : **SIMCOE LLC**

GCU # 204E - BLOW PIT
UNIT I, SEC. 34, T28N, R12W

LABORATORY (S) USED : GAL

Date : 3/9/23

DEVELOPER / SAMPLER : EM, JL

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89		dry	27.00	-	-	-	-	-
2R	99.42		dry	22.65	-	-	-	-	-
3	95.65		dry	25.00	-	-	-	-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62		18.35	21.94	-	-	-	-	-
4-SH	98.59	-	-	17.50	-	-	-	-	-
5	95.96		dry	21.78					
5-SH	95.77	-	-	16.50	-	-	-	-	-
6	96.87	-	-	23.00	-	-	-	-	-
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.)

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. Sample from MW #5 = well dry; unable to sample.

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	1225	temp	~55°
off-site		temp	~55°
sky cond.	cloudy		
wind speed		direct.	

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

GCU # 204E - BLOW PIT
UNIT I, SEC. 34, T28N, R12W

LABORATORY (S) USED : GAL

Date : 6-21-23

DEVELOPER / SAMPLER : JL / DS

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89	6.66	20.34	27.00	-	-	-	-	-
2R	99.42	4.18	18.47	22.65	-	-	-	-	-
3	95.65	10.55	14.45	25.00	-	-	-	-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62	5.25	16.69	21.94	-	-	-	-	-
4-SH	98.59	-	-	17.50	-	-	-	-	-
5	95.96	6.84	14.94	21.78	1910	7.25	1150	19.2	9
5-SH	95.77	-	-	16.50	-	-	-	-	-
6	96.87	-	-	23.00	-	-	-	-	-
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.)

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.

Water clear, slight Cl odor, suspended iron color sediment.

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	1350	temp	90
off-site	1425	temp	90
sky cond.	Clear		
wind speed	5-10	direct.	W

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : **SIMCOE LLC**

GCU # 204E - BLOW PIT
UNIT I, SEC. 34, T28N, R12W

LABORATORY (S) USED : GAL

Date : 9/19/23

DEVELOPER / SAMPLER : EM / DS

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89	-	19.70	27.00	-	-	-	-	-
2R	99.42	-	18.15	22.65	-	-	-	-	-
3	95.65	-	15.20	25.00	-	-	-	-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62	-	16.40	21.94	-	-	-	-	-
4-SH	98.59	-	-	17.50	-	-	-	-	-
5	95.96	-	14.70	21.78	1130	7.30	1229	20.9	3.5
5-SH	95.77	-	-	16.50	-	-	-	-	-
6	96.87	-	-	23.00	-	-	-	-	-
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.)

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	1115	temp	~75°
off-site	1200	temp	~75°
sky cond.	clear		
wind speed	0-5	direct.	variable

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

GCU # 204E - BLOW PIT
UNIT I, SEC. 34, T28N, R12W

LABORATORY (S) USED : GAL

Date : 12/14/23

DEVELOPER / SAMPLER : KOIDS

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	103.89		19.06	27.00	-	-	-	-	-
2R	99.42		17.81	22.65	-	-	-	-	-
3	95.65		14.78	25.00	-	-	-	-	-
3-SH	96.52	-	-	17.50	-	-	-	-	-
4	98.62		16.69	21.94	-	-	-	-	-
4-SH	98.59	-	-	17.50	-	-	-	-	-
5	95.96	6.61	15.17	21.78	0855	7.75	1254	12.4	3
5-SH	95.77	-	-	16.50	-	-	-	-	-
6	96.87	-	-	23.00	-	-	-	-	-
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.)

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	0800	temp	30°
off-site	0925	temp	30
sky cond.	cloud		
wind speed	0-5	direct.	SW

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

CONDITIONS

Action 301599

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 301599
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	GCU #204E Groundwater Monitoring Lab Report(s) accepted for the record. Analysis and sampling information is included for MW-5 at the site. DTW and field notes included for other wells. Sampling event took place semiannually for three (3) quarters in 2023.	3/28/2024