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06 July 2023

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: GCU Com H #180

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 J Wells

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

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #102	2306227-01	Water	06/20/23 13:55	06/22/23 09:20	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

MW #102

2306227-01 (Ground Water)

Sampled Date: 06/20/23 13:55

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

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
VOLATILES BY GC/MS									
Dichlorodifluoromethane*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Chloromethane*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Vinyl chloride*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Bromomethane*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Chloroethane*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Trichlorofluoromethane*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
1,1-Dichloroethene*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
Carbon disulfide*	<0.001	0.001	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Iodomethane	<0.001	0.001	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
Acrolein*	<0.005	0.005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Methylene chloride*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Acetone*	<0.010	0.010	0.0009	mg/L	1	07/03/23 15:35	8260B		MS
trans-1,2-Dichloroethene*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Methyl tert-butyl ether	<0.001	0.001	0.00003	mg/L	1	07/03/23 15:35	8260B		MS
1,1-Dichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
Acrylonitrile*	<0.002	0.002	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Vinyl acetate*	<0.0005	0.0005	0.00008	mg/L	1	07/03/23 15:35	8260B		MS
cis-1,2-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
2,2-Dichloropropane*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
Bromochloromethane*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Chloroform*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
Carbon tetrachloride*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
1,1,1-Trichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
1,1-Dichloropropene*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
2-Butanone*	<0.002	0.002	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Benzene*	**0.001**	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
1,2-Dichloroethane*	<0.0005	0.0005	0.00005	mg/L	1	07/03/23 15:35	8260B		MS
Trichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
Dibromomethane*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
1,2-Dichloropropane*	<0.0005	0.0005	0.00007	mg/L	1	07/03/23 15:35	8260B		MS
Bromodichloromethane*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
cis-1,3-Dichloropropene*	<0.0005	0.0005	0.00009	mg/L	1	07/03/23 15:35	8260B		MS

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Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

MW #102

2306227-01 (Ground Water)
Sampled Date: 06/20/23 13:55

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Toluene*	**0.003**	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
4-Methyl-2-pentanone*	<0.001	0.001	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Tetrachloroethene*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
trans-1,3-Dichloropropene*	<0.0005	0.0005	0.00005	mg/L	1	07/03/23 15:35	8260B		MS
1,1,2-Trichloroethane*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
Dibromochloromethane*	<0.0005	0.0005	0.00008	mg/L	1	07/03/23 15:35	8260B		MS
1,3-Dichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
1,2-Dibromoethane*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
2-Hexanone*	<0.001	0.001	0.0003	mg/L	1	07/03/23 15:35	8260B		MS
Chlorobenzene*	<0.0005	0.0005	0.00003	mg/L	1	07/03/23 15:35	8260B		MS
Ethylbenzene*	**0.0007**	0.0005	0.00003	mg/L	1	07/03/23 15:35	8260B		MS
1,1,1,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
m+p - Xylene*	**0.001**	0.001	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
o-Xylene*	**0.001**	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Total Xylenes*	**0.003**	0.001	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
Bromoform*	<0.0005	0.0005	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
Styrene*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
Isopropylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
Bromobenzene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
n-Propylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
1,1,2,2-Tetrachloroethane*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
2-Chlorotoluene*	<0.0005	0.0005	0.00003	mg/L	1	07/03/23 15:35	8260B		MS
1.2.3-trichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
1,3,5-Trimethylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
trans-1,4-Dichloro-2-butene	<0.010	0.010	0.0001	mg/L	1	07/03/23 15:35	8260B		MS
4-Chlorotoluene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
tert-Butylbenzene*	<0.0005	0.0005	0.00007	mg/L	1	07/03/23 15:35	8260B		MS
1,2,4-Trimethylbenzene*	**0.001**	0.0005	0.00003	mg/L	1	07/03/23 15:35	8260B		MS
sec-Butylbenzene*	<0.0005	0.0005	0.00001	mg/L	1	07/03/23 15:35	8260B		MS
p-Isopropyltoluene*	<0.0005	0.0005	0.00004	mg/L	1	07/03/23 15:35	8260B		MS
1,3-Dichlorobenzene*	<0.0005	0.0005	0.00002	mg/L	1	07/03/23 15:35	8260B		MS
1,4 Dichlorobenzene*	<0.0005	0.0005	0.00003	mg/L	1	07/03/23 15:35	8260B		MS

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Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

MW #102

2306227-01 (Ground Water)

Sampled Date: 06/20/23 13:55

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
n-Butylbenzene*	<0.0005	0.0005	0.00006	mg/L	1	07/03/23 15:35	8260B		MS
1,2-Dichlorobenzene*	<0.0005	0.0005	0.00005	mg/L	1	07/03/23 15:35	8260B		MS
1,2-Dibromo-3-chloropropane*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
Hexachlorobutadiene*	<0.0005	0.0005	0.0005	mg/L	1	07/03/23 15:35	8260B		MS
1,2,4-Trichlorobenzene*	<0.0005	0.0005	0.00007	mg/L	1	07/03/23 15:35	8260B		MS
Naphthalene*	<0.0005	0.0005	0.00005	mg/L	1	07/03/23 15:35	8260B		MS
1,2,3-Trichlorobenzene*	<0.0005	0.0005	0.0002	mg/L	1	07/03/23 15:35	8260B		MS
1,4-Dioxane	<0.010	0.010	0.010	mg/L	1	07/03/23 15:35	8260B		MS
Surrogate: Dibromofluoromethane			*103 %*	*82.4-141*		*07/03/23 15:35*	*8260B*		MS
Surrogate: Toluene-d8			*96.9 %*	*87.1-110*		*07/03/23 15:35*	*8260B*		MS
Surrogate: 4-Bromofluorobenzene			*96.6 %*	*76.4-114*		*07/03/23 15:35*	*8260B*		MS

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles										
Blank (3062935-BLK1)				Prepared: 06/29/23 Analyzed: 06/30/23						
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	*0.0235*		mg/L	*0.0250*		*94.2*	*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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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles (Continued)										
Blank (3062935-BLK1) (Continued)			Prepared: 06/29/23 Analyzed: 06/30/23							
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	*0.0261*		mg/L	*0.0250*		*104*	*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	*0.0247*		mg/L	*0.0250*		*98.9*	*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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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles (Continued)										
LCS (3062935-BS1)			Prepared: 06/29/23 Analyzed: 06/30/23							
1,1,1,2-Tetrachloroethane	0.019	0.0005	mg/L	0.0200		94.8	82.4-120			
1,1,1-Trichloroethane	0.019	0.0005	mg/L	0.0200		94.8	80.7-121			
1,1,2,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		98.6	76.5-121			
1,1,2-Trichloroethane	0.018	0.0005	mg/L	0.0200		91.2	81.7-118			
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		101	74.8-123			
1,1-Dichloroethene	0.023	0.0005	mg/L	0.0200		113	53.9-149			
1,1-Dichloropropene	0.019	0.0005	mg/L	0.0200		96.8	85.9-115			
1,2,3-Trichlorobenzene	0.021	0.0005	mg/L	0.0200		107	76.1-134			
1,2,4-Trichlorobenzene	0.021	0.0005	mg/L	0.0200		105	72.4-136			
1,2,4-Trimethylbenzene	0.020	0.0005	mg/L	0.0200		97.8	67.4-138			
1,2-Dibromo-3-chloropropane	0.020	0.0005	mg/L	0.0200		98.6	71.7-124			
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		93.3	84.9-116			
1,2-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		96.4	82.5-119			
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		102	72.5-123			
1,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		97.0	79.4-117			
1,3,5-Trimethylbenzene	0.020	0.0005	mg/L	0.0200		98.4	69-137			
1,3-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		96.4	84.4-120			
1,3-Dichloropropane	0.018	0.0005	mg/L	0.0200		91.4	82.6-117			
1,4 Dichlorobenzene	0.019	0.0005	mg/L	0.0200		95.8	81.7-118			
1,4-Dioxane	0.366	0.010	mg/L	0.400		91.4	-34.6-193			
1.2.3-trichloropropane	0.021	0.0005	mg/L	0.0200		103	44.7-168			
2,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		95.6	62.9-136			
2-Butanone	0.037	0.002	mg/L	0.0400		93.6	24.1-159			
2-Chlorotoluene	0.019	0.0005	mg/L	0.0200		97.3	80.2-121			
2-Hexanone	0.035	0.001	mg/L	0.0400		88.0	56.3-139			
Surrogate: 4-Bromofluorobenzene	*0.0236*		mg/L	*0.0250*		*94.6*	*76.4-114*			
4-Chlorotoluene	0.020	0.0005	mg/L	0.0200		101	82.2-125			
4-Methyl-2-pentanone	0.037	0.001	mg/L	0.0400		93.3	60.7-139			
Acetone	0.041	0.010	mg/L	0.0400		102	39.1-168			
Acrolein	0.184	0.005	mg/L	0.200		92.1	26.6-161			
Acrylonitrile	0.039	0.002	mg/L	0.0400		97.8	64.9-135			
Benzene	0.020	0.0005	mg/L	0.0200		98.2	69.4-129			
Bromobenzene	0.019	0.0005	mg/L	0.0200		97.2	83.5-115			
Bromochloromethane	0.019	0.0005	mg/L	0.0200		97.2	70.7-123			
Bromodichloromethane	0.019	0.0005	mg/L	0.0200		93.6	80.3-119			
Bromoform	0.021	0.0005	mg/L	0.0200		103	71.1-141			
Bromomethane	0.024	0.0005	mg/L	0.0200		120	55.1-143			
Carbon disulfide	0.041	0.001	mg/L	0.0400		103	53.6-147			
Carbon tetrachloride	0.020	0.0005	mg/L	0.0200		99.7	79.5-125			

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles (Continued)										
LCS (3062935-BS1) (Continued)			Prepared: 06/29/23 Analyzed: 06/30/23							
Chlorobenzene	0.019	0.0005	mg/L	0.0200		95.1	85.1-115			
Chloroethane	0.023	0.0005	mg/L	0.0200		115	36.9-159			
Chloroform	0.020	0.0005	mg/L	0.0200		101	80.9-119			
Chloromethane	0.022	0.0005	mg/L	0.0200		108	54.2-142			
cis-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		97.6	73.8-128			
cis-1,3-Dichloropropene	0.018	0.0005	mg/L	0.0200		91.9	82.5-122			
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		101	83.1-124			
Surrogate: Dibromofluoromethane	*0.0260*		mg/L	*0.0250*		*104*	*82.4-141*			
Dibromomethane	0.020	0.0005	mg/L	0.0200		99.3	77-118			
Dichlorodifluoromethane	0.018	0.0005	mg/L	0.0200		91.4	38.7-147			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		96.4	70.2-130			
Hexachlorobutadiene	0.022	0.0005	mg/L	0.0200		112	78.9-148			
Iodomethane	0.041	0.001	mg/L	0.0400		101	63.5-135			
Isopropylbenzene	0.019	0.0005	mg/L	0.0200		94.4	85-124			
m+p - Xylene	0.038	0.001	mg/L	0.0400		94.6	71.9-133			
Methyl tert-butyl ether	0.040	0.001	mg/L	0.0400		99.8	57.7-137			
Methylene chloride	0.023	0.0005	mg/L	0.0200		115	49.3-163			
Naphthalene	0.020	0.0005	mg/L	0.0200		99.9	62.1-141			
n-Butylbenzene	0.020	0.0005	mg/L	0.0200		99.8	75.4-132			
n-Propylbenzene	0.020	0.0005	mg/L	0.0200		101	79.6-124			
o-Xylene	0.018	0.0005	mg/L	0.0200		91.0	69.4-132			
p-Isopropyltoluene	0.020	0.0005	mg/L	0.0200		99.0	79.8-131			
sec-Butylbenzene	0.020	0.0005	mg/L	0.0200		101	77.6-133			
Styrene	0.019	0.0005	mg/L	0.0200		93.8	71.7-128			
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		104	78.8-128			
Tetrachloroethene	0.018	0.0005	mg/L	0.0200		89.8	74.2-128			
Toluene	0.019	0.0005	mg/L	0.0200		93.2	68.1-127			
Surrogate: Toluene-d8	*0.0247*		mg/L	*0.0250*		*98.6*	*87.1-110*			
Total Xylenes	0.056	0.001	mg/L	0.0600		93.4	71.6-132			
trans-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		104	65.2-133			
trans-1,3-Dichloropropene	0.020	0.0005	mg/L	0.0200		97.6	84-123			
trans-1,4-Dichloro-2-butene	0.047	0.010	mg/L	0.0400		119	9.3-235			
Trichloroethene	0.018	0.0005	mg/L	0.0200		92.1	79.3-114			
Trichlorofluoromethane	0.024	0.0005	mg/L	0.0200		122	28.6-162			
Vinyl acetate	0.018	0.0005	mg/L	0.0200		92.0	50.9-135			
Vinyl chloride	0.020	0.0005	mg/L	0.0200		102	61.6-133			
LCS Dup (3062935-BSD1)			Prepared: 06/29/23 Analyzed: 06/30/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		98.2	82.4-120	3.47	6.88	

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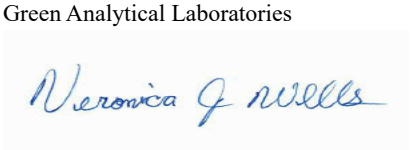

Veronica Wells, Project Manager

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www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles (Continued)										
LCS Dup (3062935-BSD1) (Continued)			Prepared: 06/29/23 Analyzed: 06/30/23							
1,1,1-Trichloroethane	0.019	0.0005	mg/L	0.0200		97.1	80.7-121	2.45	7.43	
1,1,2,2-Tetrachloroethane	0.019	0.0005	mg/L	0.0200		97.2	76.5-121	1.38	8.68	
1,1,2-Trichloroethane	0.019	0.0005	mg/L	0.0200		93.1	81.7-118	2.01	6.82	
1,1-Dichloroethane	0.021	0.0005	mg/L	0.0200		105	74.8-123	3.40	4.3	
1,1-Dichloroethene	0.023	0.0005	mg/L	0.0200		113	53.9-149	0.00	16.5	
1,1-Dichloropropene	0.020	0.0005	mg/L	0.0200		98.2	85.9-115	1.49	5.47	
1,2,3-Trichlorobenzene	0.020	0.0005	mg/L	0.0200		101	76.1-134	5.60	43	
1,2,4-Trichlorobenzene	0.020	0.0005	mg/L	0.0200		102	72.4-136	2.52	22.3	
1,2,4-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		97.0	67.4-138	0.821	8.94	
1,2-Dibromo-3-chloropropane	0.020	0.0005	mg/L	0.0200		98.1	71.7-124	0.559	15.1	
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		94.6	84.9-116	1.44	5.83	
1,2-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		95.4	82.5-119	1.04	8.72	
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		101	72.5-123	0.788	8.94	
1,2-Dichloropropane	0.020	0.0005	mg/L	0.0200		97.6	79.4-117	0.514	5.51	
1,3,5-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		96.0	69-137	2.47	16.5	
1,3-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		97.0	84.4-120	0.672	9	
1,3-Dichloropropane	0.019	0.0005	mg/L	0.0200		95.0	82.6-117	3.92	6.06	
1,4 Dichlorobenzene	0.019	0.0005	mg/L	0.0200		94.5	81.7-118	1.42	7.71	
1,4-Dioxane	0.367	0.010	mg/L	0.400		91.6	-34.6-193	0.210	35.2	
1.2.3-trichloropropane	0.020	0.0005	mg/L	0.0200		99.8	44.7-168	3.59	49.2	
2,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		96.4	62.9-136	0.886	9.62	
2-Butanone	0.038	0.002	mg/L	0.0400		96.0	24.1-159	2.50	14.2	
2-Chlorotoluene	0.019	0.0005	mg/L	0.0200		96.0	80.2-121	1.35	8.62	
2-Hexanone	0.036	0.001	mg/L	0.0400		90.0	56.3-139	2.25	7.28	
Surrogate: 4-Bromofluorobenzene	*0.0235*		mg/L	*0.0250*		*94.0*	*76.4-114*			
4-Chlorotoluene	0.019	0.0005	mg/L	0.0200		96.9	82.2-125	4.05	15.5	
4-Methyl-2-pentanone	0.038	0.001	mg/L	0.0400		95.1	60.7-139	1.86	7.57	
Acetone	0.042	0.010	mg/L	0.0400		105	39.1-168	2.15	30.5	
Acrolein	0.181	0.005	mg/L	0.200		90.5	26.6-161	1.82	22.4	
Acrylonitrile	0.039	0.002	mg/L	0.0400		97.1	64.9-135	0.718	7.62	
Benzene	0.020	0.0005	mg/L	0.0200		97.8	69.4-129	0.306	4.16	
Bromobenzene	0.020	0.0005	mg/L	0.0200		97.8	83.5-115	0.513	8.41	
Bromochloromethane	0.020	0.0005	mg/L	0.0200		101	70.7-123	3.69	5.16	
Bromodichloromethane	0.019	0.0005	mg/L	0.0200		94.7	80.3-119	1.22	5.36	
Bromoform	0.020	0.0005	mg/L	0.0200		98.4	71.1-141	5.01	14.1	
Bromomethane	0.024	0.0005	mg/L	0.0200		121	55.1-143	0.457	21.5	
Carbon disulfide	0.041	0.001	mg/L	0.0400		102	53.6-147	1.05	20.3	
Carbon tetrachloride	0.021	0.0005	mg/L	0.0200		103	79.5-125	3.45	11.4	
Chlorobenzene	0.020	0.0005	mg/L	0.0200		97.6	85.1-115	2.65	5.18	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3062935 - Volatiles (Continued)										
LCS Dup (3062935-BSD1) (Continued)			Prepared: 06/29/23 Analyzed: 06/30/23							
Chloroethane	0.023	0.0005	mg/L	0.0200		114	36.9-159	0.262	24.1	
Chloroform	0.021	0.0005	mg/L	0.0200		103	80.9-119	1.96	5.15	
Chloromethane	0.023	0.0005	mg/L	0.0200		115	54.2-142	5.87	27	
cis-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		98.6	73.8-128	1.02	5.73	
cis-1,3-Dichloropropene	0.018	0.0005	mg/L	0.0200		91.6	82.5-122	0.273	6.09	
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		101	83.1-124	0.297	7.24	
Surrogate: Dibromofluoromethane	*0.0258*		mg/L	*0.0250*		*103*	*82.4-141*			
Dibromomethane	0.020	0.0005	mg/L	0.0200		100	77-118	0.652	5.75	
Dichlorodifluoromethane	0.019	0.0005	mg/L	0.0200		94.1	38.7-147	2.86	22.6	
Ethylbenzene	0.020	0.0005	mg/L	0.0200		97.8	70.2-130	1.49	4.83	
Hexachlorobutadiene	0.022	0.0005	mg/L	0.0200		108	78.9-148	4.32	18.4	
Iodomethane	0.041	0.001	mg/L	0.0400		103	63.5-135	1.59	24.3	
Isopropylbenzene	0.019	0.0005	mg/L	0.0200		95.7	85-124	1.37	6.25	
m+p - Xylene	0.039	0.001	mg/L	0.0400		96.6	71.9-133	2.09	5.77	
Methyl tert-butyl ether	0.041	0.001	mg/L	0.0400		102	57.7-137	2.47	12.8	
Methylene chloride	0.024	0.0005	mg/L	0.0200		118	49.3-163	2.83	19.7	
Naphthalene	0.019	0.0005	mg/L	0.0200		97.1	62.1-141	2.84	33.5	
n-Butylbenzene	0.019	0.0005	mg/L	0.0200		96.2	75.4-132	3.62	10.1	
n-Propylbenzene	0.020	0.0005	mg/L	0.0200		98.4	79.6-124	2.36	9.09	
o-Xylene	0.019	0.0005	mg/L	0.0200		93.4	69.4-132	2.49	6.29	
p-Isopropyltoluene	0.019	0.0005	mg/L	0.0200		97.4	79.8-131	1.68	9.26	
sec-Butylbenzene	0.020	0.0005	mg/L	0.0200		100	77.6-133	0.991	9.85	
Styrene	0.019	0.0005	mg/L	0.0200		94.8	71.7-128	1.06	7.55	
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		103	78.8-128	1.25	18.6	
Tetrachloroethene	0.018	0.0005	mg/L	0.0200		92.5	74.2-128	2.91	6.38	
Toluene	0.019	0.0005	mg/L	0.0200		94.5	68.1-127	1.39	5.67	
Surrogate: Toluene-d8	*0.0249*		mg/L	*0.0250*		*99.5*	*87.1-110*			
Total Xylenes	0.057	0.001	mg/L	0.0600		95.5	71.6-132	2.22	5.83	
trans-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		106	65.2-133	2.05	19.1	
trans-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		94.4	84-123	3.33	6.26	
trans-1,4-Dichloro-2-butene	0.028	0.010	mg/L	0.0400		69.6	9.3-235	52.2	92.8	
Trichloroethene	0.019	0.0005	mg/L	0.0200		92.9	79.3-114	0.865	4.92	
Trichlorofluoromethane	0.026	0.0005	mg/L	0.0200		130	28.6-162	6.02	19.8	
Vinyl acetate	0.019	0.0005	mg/L	0.0200		94.0	50.9-135	2.15	7.84	
Vinyl chloride	0.021	0.0005	mg/L	0.0200		107	61.6-133	4.27	23	

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Veronica Wells, Project Manager

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www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	07/06/23 08:51

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
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 Com H #180
Project Number:
Sampler Name (Print): Joseph LaFortune

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 EPA Method 8260 (VOCs)
2306-227 01	MW #102	6-20-23	1355	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: 6-22-23 Time: 0920	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: 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 # 2306-227

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 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

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04 October 2023

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: GCU Com H #180

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 J Wells

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

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #102	2309202-01	Water	09/19/23 12:45	09/19/23 14:15	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

MW #102

2309202-01 (Ground Water)
Sampled Date: 09/19/23 12:45

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Dichlorodifluoromethane*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Chloromethane*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Vinyl chloride*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Bromomethane*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Chloroethane*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Trichlorofluoromethane*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
1,1-Dichloroethene*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
Carbon disulfide*	**0.001**	0.001	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Iodomethane	<0.001	0.001	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
Acrolein*	<0.005	0.005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Methylene chloride*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Acetone*	<0.010	0.010	0.0009	mg/L	1	09/27/23 16:06	8260B		MS
trans-1,2-Dichloroethene*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Methyl tert-butyl ether	<0.001	0.001	0.00003	mg/L	1	09/27/23 16:06	8260B		MS
1,1-Dichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
Acrylonitrile*	<0.002	0.002	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Vinyl acetate*	<0.0005	0.0005	0.00008	mg/L	1	09/27/23 16:06	8260B		MS
cis-1,2-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
2,2-Dichloropropane*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
Bromochloromethane*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Chloroform*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
Carbon tetrachloride*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
1,1,1-Trichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
1,1-Dichloropropene*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
2-Butanone*	<0.002	0.002	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Benzene*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
1,2-Dichloroethane*	<0.0005	0.0005	0.00005	mg/L	1	09/27/23 16:06	8260B		MS
Trichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
Dibromomethane*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
1,2-Dichloropropane*	<0.0005	0.0005	0.00007	mg/L	1	09/27/23 16:06	8260B		MS
Bromodichloromethane*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
cis-1,3-Dichloropropene*	<0.0005	0.0005	0.00009	mg/L	1	09/27/23 16:06	8260B		MS

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

MW #102

2309202-01 (Ground Water)
Sampled Date: 09/19/23 12:45

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Toluene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
4-Methyl-2-pentanone*	<0.001	0.001	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Tetrachloroethene*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
trans-1,3-Dichloropropene*	<0.0005	0.0005	0.00005	mg/L	1	09/27/23 16:06	8260B		MS
1,1,2-Trichloroethane*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
Dibromochloromethane*	<0.0005	0.0005	0.00008	mg/L	1	09/27/23 16:06	8260B		MS
1,3-Dichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
1,2-Dibromoethane*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
2-Hexanone*	<0.001	0.001	0.0003	mg/L	1	09/27/23 16:06	8260B		MS
Chlorobenzene*	<0.0005	0.0005	0.00003	mg/L	1	09/27/23 16:06	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00003	mg/L	1	09/27/23 16:06	8260B		MS
1,1,1,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
m+p - Xylene*	<0.001	0.001	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
o-Xylene*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Total Xylenes*	<0.001	0.001	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
Bromoform*	<0.0005	0.0005	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
Styrene*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
Isopropylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
Bromobenzene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
n-Propylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
1,1,2,2-Tetrachloroethane*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
2-Chlorotoluene*	<0.0005	0.0005	0.00003	mg/L	1	09/27/23 16:06	8260B		MS
1.2.3-trichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
1,3,5-Trimethylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
trans-1,4-Dichloro-2-butene	<0.010	0.010	0.0001	mg/L	1	09/27/23 16:06	8260B		MS
4-Chlorotoluene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
tert-Butylbenzene*	<0.0005	0.0005	0.00007	mg/L	1	09/27/23 16:06	8260B		MS
1,2,4-Trimethylbenzene*	<0.0005	0.0005	0.00003	mg/L	1	09/27/23 16:06	8260B		MS
sec-Butylbenzene*	<0.0005	0.0005	0.00001	mg/L	1	09/27/23 16:06	8260B		MS
p-Isopropyltoluene*	<0.0005	0.0005	0.00004	mg/L	1	09/27/23 16:06	8260B		MS
1,3-Dichlorobenzene*	<0.0005	0.0005	0.00002	mg/L	1	09/27/23 16:06	8260B		MS
1,4 Dichlorobenzene*	<0.0005	0.0005	0.00003	mg/L	1	09/27/23 16:06	8260B		MS

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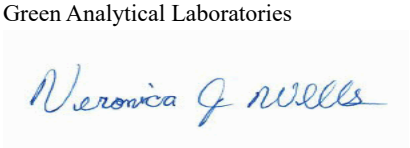

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

MW #102

2309202-01 (Ground Water)
Sampled Date: 09/19/23 12:45

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
n-Butylbenzene*	<0.0005	0.0005	0.00006	mg/L	1	09/27/23 16:06	8260B		MS
1,2-Dichlorobenzene*	<0.0005	0.0005	0.00005	mg/L	1	09/27/23 16:06	8260B		MS
1,2-Dibromo-3-chloropropane*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
Hexachlorobutadiene*	<0.0005	0.0005	0.0005	mg/L	1	09/27/23 16:06	8260B		MS
1,2,4-Trichlorobenzene*	<0.0005	0.0005	0.00007	mg/L	1	09/27/23 16:06	8260B		MS
Naphthalene*	<0.0005	0.0005	0.00005	mg/L	1	09/27/23 16:06	8260B		MS
1,2,3-Trichlorobenzene*	<0.0005	0.0005	0.0002	mg/L	1	09/27/23 16:06	8260B		MS
1,4-Dioxane	<0.010	0.010	0.010	mg/L	1	09/27/23 16:06	8260B		MS
Surrogate: Dibromofluoromethane			*89.3 %*	*82.4-141*		*09/27/23 16:06*	*8260B*		MS
Surrogate: Toluene-d8			*101 %*	*87.1-110*		*09/27/23 16:06*	*8260B*		MS
Surrogate: 4-Bromofluorobenzene			*99.2 %*	*76.4-114*		*09/27/23 16:06*	*8260B*		MS

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles										
Blank (3092519-BLK1)			Prepared: 09/25/23 Analyzed: 09/26/23							
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	*0.0232*		mg/L	*0.0250*		*92.6*	*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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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles (Continued)										
Blank (3092519-BLK1) (Continued)			Prepared: 09/25/23 Analyzed: 09/26/23							
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	*0.0246*		mg/L	*0.0250*		*98.5*	*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	*0.0265*		mg/L	*0.0250*		*106*	*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

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles (Continued)										
LCS (3092519-BS1)			Prepared: 09/25/23 Analyzed: 09/26/23							
1,1,1,2-Tetrachloroethane	0.018	0.0005	mg/L	0.0200		90.2	82.4-120			
1,1,1-Trichloroethane	0.017	0.0005	mg/L	0.0200		86.8	80.7-121			
1,1,2,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		100	76.5-121			
1,1,2-Trichloroethane	0.020	0.0005	mg/L	0.0200		99.9	81.7-118			
1,1-Dichloroethane	0.019	0.0005	mg/L	0.0200		95.4	74.8-123			
1,1-Dichloroethene	0.021	0.0005	mg/L	0.0200		107	53.9-149			
1,1-Dichloropropene	0.018	0.0005	mg/L	0.0200		88.2	85.9-115			
1,2,3-Trichlorobenzene	0.017	0.0005	mg/L	0.0200		84.0	76.1-134			
1,2,4-Trichlorobenzene	0.016	0.0005	mg/L	0.0200		82.0	72.4-136			
1,2,4-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		95.9	67.4-138			
1,2-Dibromo-3-chloropropane	0.018	0.0005	mg/L	0.0200		88.2	71.7-124			
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		95.0	84.9-116			
1,2-Dichlorobenzene	0.018	0.0005	mg/L	0.0200		89.6	82.5-119			
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		101	72.5-123			
1,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		93.4	79.4-117			
1,3,5-Trimethylbenzene	0.020	0.0005	mg/L	0.0200		101	69-137			
1,3-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		93.1	84.4-120			
1,3-Dichloropropane	0.018	0.0005	mg/L	0.0200		91.8	82.6-117			
1,4 Dichlorobenzene	0.019	0.0005	mg/L	0.0200		92.6	81.7-118			
1,4-Dioxane	0.422	0.010	mg/L	0.400		105	-34.6-193			
1.2.3-trichloropropane	0.022	0.0005	mg/L	0.0200		108	44.7-168			
2,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		107	62.9-136			
2-Butanone	0.040	0.002	mg/L	0.0400		99.0	24.1-159			
2-Chlorotoluene	0.018	0.0005	mg/L	0.0200		90.7	80.2-121			
2-Hexanone	0.041	0.001	mg/L	0.0400		102	56.3-139			
Surrogate: 4-Bromofluorobenzene	*0.0252*		mg/L	*0.0250*		*101*	*76.4-114*			
4-Chlorotoluene	0.020	0.0005	mg/L	0.0200		97.8	82.2-125			
4-Methyl-2-pentanone	0.043	0.001	mg/L	0.0400		107	60.7-139			
Acetone	0.050	0.010	mg/L	0.0400		126	39.1-168			
Acrolein	0.500	0.005	mg/L	0.200		250	26.6-161			BS1
Acrylonitrile	0.042	0.002	mg/L	0.0400		106	64.9-135			
Benzene	0.019	0.0005	mg/L	0.0200		94.3	69.4-129			
Bromobenzene	0.016	0.0005	mg/L	0.0200		82.4	83.5-115			BS2
Bromochloromethane	0.020	0.0005	mg/L	0.0200		100	70.7-123			
Bromodichloromethane	0.019	0.0005	mg/L	0.0200		94.6	80.3-119			
Bromoform	0.017	0.0005	mg/L	0.0200		84.4	71.1-141			
Bromomethane	0.021	0.0005	mg/L	0.0200		103	55.1-143			
Carbon disulfide	0.048	0.001	mg/L	0.0400		121	53.6-147			
Carbon tetrachloride	0.017	0.0005	mg/L	0.0200		83.7	79.5-125			

Green Analytical Laboratories

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles (Continued)										
LCS (3092519-BS1) (Continued)			Prepared: 09/25/23 Analyzed: 09/26/23							
Chlorobenzene	0.017	0.0005	mg/L	0.0200		86.6	85.1-115			
Chloroethane	0.025	0.0005	mg/L	0.0200		123	36.9-159			
Chloroform	0.020	0.0005	mg/L	0.0200		98.2	80.9-119			
Chloromethane	0.017	0.0005	mg/L	0.0200		86.4	54.2-142			
cis-1,2-Dichloroethene	0.019	0.0005	mg/L	0.0200		97.4	73.8-128			
cis-1,3-Dichloropropene	0.018	0.0005	mg/L	0.0200		88.8	82.5-122			
Dibromochloromethane	0.018	0.0005	mg/L	0.0200		89.4	83.1-124			
Surrogate: Dibromofluoromethane	*0.0234*		mg/L	*0.0250*		*93.4*	*82.4-141*			
Dibromomethane	0.020	0.0005	mg/L	0.0200		101	77-118			
Dichlorodifluoromethane	0.020	0.0005	mg/L	0.0200		98.2	38.7-147			
Ethylbenzene	0.018	0.0005	mg/L	0.0200		91.0	70.2-130			
Hexachlorobutadiene	0.017	0.0005	mg/L	0.0200		84.0	78.9-148			
Iodomethane	0.040	0.001	mg/L	0.0400		99.1	63.5-135			
Isopropylbenzene	0.018	0.0005	mg/L	0.0200		90.7	85-124			
m+p - Xylene	0.039	0.001	mg/L	0.0400		97.0	71.9-133			
Methyl tert-butyl ether	0.043	0.001	mg/L	0.0400		107	57.7-137			
Methylene chloride	0.023	0.0005	mg/L	0.0200		115	49.3-163			
Naphthalene	0.019	0.0005	mg/L	0.0200		94.3	62.1-141			
n-Butylbenzene	0.018	0.0005	mg/L	0.0200		92.0	75.4-132			
n-Propylbenzene	0.020	0.0005	mg/L	0.0200		97.8	79.6-124			
o-Xylene	0.019	0.0005	mg/L	0.0200		92.6	69.4-132			
p-Isopropyltoluene	0.018	0.0005	mg/L	0.0200		89.4	79.8-131			
sec-Butylbenzene	0.019	0.0005	mg/L	0.0200		93.4	77.6-133			
Styrene	0.018	0.0005	mg/L	0.0200		89.3	71.7-128			
tert-Butylbenzene	0.020	0.0005	mg/L	0.0200		98.3	78.8-128			
Tetrachloroethene	0.017	0.0005	mg/L	0.0200		82.8	74.2-128			
Toluene	0.019	0.0005	mg/L	0.0200		92.9	68.1-127			
Surrogate: Toluene-d8	*0.0246*		mg/L	*0.0250*		*98.5*	*87.1-110*			
Total Xylenes	0.057	0.001	mg/L	0.0600		95.6	71.6-132			
trans-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		107	65.2-133			
trans-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		103	84-123			
trans-1,4-Dichloro-2-butene	0.066	0.010	mg/L	0.0400		166	9.3-235			
Trichloroethene	0.019	0.0005	mg/L	0.0200		95.6	79.3-114			
Trichlorofluoromethane	0.012	0.0005	mg/L	0.0200		58.8	28.6-162			
Vinyl acetate	0.027	0.0005	mg/L	0.0200		134	50.9-135			
Vinyl chloride	0.020	0.0005	mg/L	0.0200		98.7	61.6-133			
LCS Dup (3092519-BSD1)			Prepared: 09/25/23 Analyzed: 09/26/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		98.6	82.4-120	8.95	6.88	QR-04

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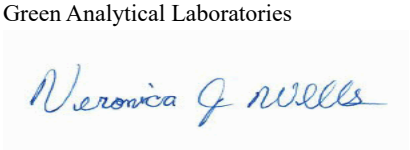

Veronica Wells, Project Manager

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: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles (Continued)										
LCS Dup (3092519-BSD1) (Continued)			Prepared: 09/25/23 Analyzed: 09/26/23							
1,1,1-Trichloroethane	0.018	0.0005	mg/L	0.0200		91.0	80.7-121	4.84	7.43	
1,1,2,2-Tetrachloroethane	0.022	0.0005	mg/L	0.0200		112	76.5-121	10.9	8.68	QR-04
1,1,2-Trichloroethane	0.021	0.0005	mg/L	0.0200		104	81.7-118	4.12	6.82	
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		100	74.8-123	4.66	4.3	QR-04
1,1-Dichloroethene	0.022	0.0005	mg/L	0.0200		112	53.9-149	4.58	16.5	
1,1-Dichloropropene	0.018	0.0005	mg/L	0.0200		91.2	85.9-115	3.40	5.47	
1,2,3-Trichlorobenzene	0.018	0.0005	mg/L	0.0200		88.8	76.1-134	5.55	43	
1,2,4-Trichlorobenzene	0.017	0.0005	mg/L	0.0200		86.2	72.4-136	5.06	22.3	
1,2,4-Trimethylbenzene	0.021	0.0005	mg/L	0.0200		103	67.4-138	7.48	8.94	
1,2-Dibromo-3-chloropropane	0.018	0.0005	mg/L	0.0200		89.5	71.7-124	1.52	15.1	
1,2-Dibromoethane	0.020	0.0005	mg/L	0.0200		102	84.9-116	7.11	5.83	QR-04
1,2-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		97.1	82.5-119	8.03	8.72	
1,2-Dichloroethane	0.022	0.0005	mg/L	0.0200		108	72.5-123	5.99	8.94	
1,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		97.2	79.4-117	4.09	5.51	
1,3,5-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		110	69-137	8.12	16.5	
1,3-Dichlorobenzene	0.020	0.0005	mg/L	0.0200		99.8	84.4-120	6.95	9	
1,3-Dichloropropane	0.020	0.0005	mg/L	0.0200		98.6	82.6-117	7.25	6.06	QR-04
1,4 Dichlorobenzene	0.020	0.0005	mg/L	0.0200		101	81.7-118	8.23	7.71	QR-04
1,4-Dioxane	0.435	0.010	mg/L	0.400		109	-34.6-193	3.11	35.2	
1.2.3-trichloropropane	0.022	0.0005	mg/L	0.0200		109	44.7-168	0.784	49.2	
2,2-Dichloropropane	0.022	0.0005	mg/L	0.0200		112	62.9-136	4.48	9.62	
2-Butanone	0.043	0.002	mg/L	0.0400		108	24.1-159	8.63	14.2	
2-Chlorotoluene	0.020	0.0005	mg/L	0.0200		100	80.2-121	9.81	8.62	QR-04
2-Hexanone	0.043	0.001	mg/L	0.0400		107	56.3-139	4.74	7.28	
Surrogate: 4-Bromofluorobenzene	*0.0249*		mg/L	*0.0250*		*99.6*	*76.4-114*			
4-Chlorotoluene	0.021	0.0005	mg/L	0.0200		104	82.2-125	5.91	15.5	
4-Methyl-2-pentanone	0.046	0.001	mg/L	0.0400		115	60.7-139	7.23	7.57	
Acetone	0.053	0.010	mg/L	0.0400		132	39.1-168	4.43	30.5	
Acrolein	0.490	0.005	mg/L	0.200		245	26.6-161	1.89	22.4	BS1
Acrylonitrile	0.044	0.002	mg/L	0.0400		109	64.9-135	3.37	7.62	
Benzene	0.020	0.0005	mg/L	0.0200		101	69.4-129	7.16	4.16	QR-04
Bromobenzene	0.018	0.0005	mg/L	0.0200		89.2	83.5-115	7.92	8.41	
Bromochloromethane	0.021	0.0005	mg/L	0.0200		105	70.7-123	4.24	5.16	
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		99.5	80.3-119	5.00	5.36	
Bromoform	0.017	0.0005	mg/L	0.0200		85.0	71.1-141	0.767	14.1	
Bromomethane	0.021	0.0005	mg/L	0.0200		105	55.1-143	1.49	21.5	
Carbon disulfide	0.049	0.001	mg/L	0.0400		123	53.6-147	1.93	20.3	
Carbon tetrachloride	0.018	0.0005	mg/L	0.0200		88.6	79.5-125	5.74	11.4	
Chlorobenzene	0.018	0.0005	mg/L	0.0200		92.0	85.1-115	5.99	5.18	QR-04

Green Analytical Laboratories

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: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092519 - Volatiles (Continued)										
LCS Dup (3092519-BSD1) (Continued)			Prepared: 09/25/23 Analyzed: 09/26/23							
Chloroethane	0.025	0.0005	mg/L	0.0200		127	36.9-159	3.68	24.1	
Chloroform	0.020	0.0005	mg/L	0.0200		102	80.9-119	3.40	5.15	
Chloromethane	0.020	0.0005	mg/L	0.0200		97.6	54.2-142	12.2	27	
cis-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		104	73.8-128	7.03	5.73	QR-04
cis-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		96.8	82.5-122	8.62	6.09	QR-04
Dibromochloromethane	0.018	0.0005	mg/L	0.0200		88.0	83.1-124	1.52	7.24	
Surrogate: Dibromofluoromethane	*0.0229*		mg/L	*0.0250*		*91.6*	*82.4-141*			
Dibromomethane	0.021	0.0005	mg/L	0.0200		105	77-118	4.04	5.75	
Dichlorodifluoromethane	0.020	0.0005	mg/L	0.0200		100	38.7-147	2.26	22.6	
Ethylbenzene	0.019	0.0005	mg/L	0.0200		95.8	70.2-130	5.14	4.83	QR-04
Hexachlorobutadiene	0.018	0.0005	mg/L	0.0200		87.8	78.9-148	4.36	18.4	
Iodomethane	0.041	0.001	mg/L	0.0400		102	63.5-135	3.01	24.3	
Isopropylbenzene	0.019	0.0005	mg/L	0.0200		95.9	85-124	5.57	6.25	
m+p - Xylene	0.041	0.001	mg/L	0.0400		102	71.9-133	5.00	5.77	
Methyl tert-butyl ether	0.044	0.001	mg/L	0.0400		111	57.7-137	3.37	12.8	
Methylene chloride	0.022	0.0005	mg/L	0.0200		109	49.3-163	5.37	19.7	
Naphthalene	0.020	0.0005	mg/L	0.0200		98.2	62.1-141	4.05	33.5	
n-Butylbenzene	0.020	0.0005	mg/L	0.0200		99.6	75.4-132	7.94	10.1	
n-Propylbenzene	0.022	0.0005	mg/L	0.0200		108	79.6-124	9.91	9.09	QR-04
o-Xylene	0.020	0.0005	mg/L	0.0200		100	69.4-132	7.73	6.29	QR-04
p-Isopropyltoluene	0.019	0.0005	mg/L	0.0200		96.8	79.8-131	7.95	9.26	
sec-Butylbenzene	0.020	0.0005	mg/L	0.0200		102	77.6-133	8.80	9.85	
Styrene	0.018	0.0005	mg/L	0.0200		91.4	71.7-128	2.38	7.55	
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		107	78.8-128	8.52	18.6	
Tetrachloroethene	0.017	0.0005	mg/L	0.0200		87.2	74.2-128	5.18	6.38	
Toluene	0.020	0.0005	mg/L	0.0200		99.9	68.1-127	7.26	5.67	QR-04
Surrogate: Toluene-d8	*0.0247*		mg/L	*0.0250*		*98.8*	*87.1-110*			
Total Xylenes	0.061	0.001	mg/L	0.0600		101	71.6-132	5.89	5.83	QR-04
trans-1,2-Dichloroethene	0.021	0.0005	mg/L	0.0200		106	65.2-133	1.55	19.1	
trans-1,3-Dichloropropene	0.021	0.0005	mg/L	0.0200		106	84-123	2.39	6.26	
trans-1,4-Dichloro-2-butene	0.057	0.010	mg/L	0.0400		142	9.3-235	15.8	92.8	
Trichloroethene	0.021	0.0005	mg/L	0.0200		104	79.3-114	8.18	4.92	QR-04
Trichlorofluoromethane	0.013	0.0005	mg/L	0.0200		66.0	28.6-162	11.6	19.8	
Vinyl acetate	0.028	0.0005	mg/L	0.0200		140	50.9-135	4.19	7.84	BS1
Vinyl chloride	0.020	0.0005	mg/L	0.0200		101	61.6-133	2.70	23	

Green Analytical Laboratories

Veronica J Wells

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: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	10/04/23 17:01

Notes and Definitions

QR-04	The RPD for the BS/BSD was 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.
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

Green Analytical Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(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	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 Com H #180	State: Zip:
Project Number:	Phone #:
Sampler Name (Print): Emma Millar / Dylan Songer	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 EPA Method 8260 (VOCs)
2309-202 01	MW #102	9/19/23	1245	Y								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:	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:	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 #** 2309202

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

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:	☐Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present:	☐Yes ☐No ☐N/A	

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
jeremy.allen@greenanalytical.com

27 December 2023

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: GCU Com H #180

Enclosed are the results of analyses for samples received by the laboratory on 12/14/23 16:40. 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 J Wells

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: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #102	2312130-01	Water	12/14/23 12:50	12/14/23 16:40	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

MW #102

2312130-01 (Ground Water)
Sampled Date: 12/14/23 12:50

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
1,1,1,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
1,1,1-Trichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
1,1,2,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
1,1,2-Trichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
1,1-Dichloroethane*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
1,1-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
1,1-Dichloropropene*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
1,2,3-Trichlorobenzene*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
1,2,4-Trichlorobenzene*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
1,2,4-Trimethylbenzene*	**0.008**	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
1,2-Dibromo-3-chloropropane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
1,2-Dibromoethane*	<0.0005	0.0005	0.00009	mg/L	1	12/21/23 17:52	8260B		MS
1,2-Dichlorobenzene*	<0.0005	0.0005	0.00007	mg/L	1	12/21/23 17:52	8260B		MS
1,2-Dichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
1,2-Dichloropropane*	<0.0005	0.0005	0.00008	mg/L	1	12/21/23 17:52	8260B		MS
1,3,5-Trimethylbenzene*	**0.002**	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
1,3-Dichlorobenzene*	<0.0005	0.0005	0.00005	mg/L	1	12/21/23 17:52	8260B		MS
1,3-Dichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
1,4 Dichlorobenzene*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
1,4-Dioxane	<0.010	0.010	0.010	mg/L	1	12/21/23 17:52	8260B		MS
1.2.3-trichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
2,2-Dichloropropane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
2-Butanone*	<0.002	0.002	0.002	mg/L	1	12/21/23 17:52	8260B		MS
2-Chlorotoluene*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
2-Hexanone*	<0.001	0.001	0.0003	mg/L	1	12/21/23 17:52	8260B		MS
4-Chlorotoluene*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
4-Methyl-2-pentanone*	<0.001	0.001	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
Acetone*	<0.010	0.010	0.0009	mg/L	1	12/21/23 17:52	8260B		MS
Acrolein*	<0.005	0.005	0.001	mg/L	1	12/21/23 17:52	8260B		MS
Acrylonitrile*	<0.002	0.002	0.0008	mg/L	1	12/21/23 17:52	8260B		MS
Benzene*	<0.0005	0.0005	0.00005	mg/L	1	12/21/23 17:52	8260B		MS
Bromobenzene*	<0.0005	0.0005	0.00006	mg/L	1	12/21/23 17:52	8260B		MS

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

MW #102

2312130-01 (Ground Water)
Sampled Date: 12/14/23 12:50

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Bromochloromethane*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
Bromodichloromethane*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
Bromoform*	<0.0005	0.0005	0.00009	mg/L	1	12/21/23 17:52	8260B		MS
Bromomethane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Carbon disulfide*	<0.001	0.001	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
Carbon tetrachloride*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
Chlorobenzene*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
Chloroethane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Chloroform*	<0.0005	0.0005	0.00002	mg/L	1	12/21/23 17:52	8260B		MS
Chloromethane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
cis-1,2-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
cis-1,3-Dichloropropene*	<0.0005	0.0005	0.00009	mg/L	1	12/21/23 17:52	8260B		MS
Dibromochloromethane*	<0.0005	0.0005	0.00008	mg/L	1	12/21/23 17:52	8260B		MS
Dibromomethane*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
Dichlorodifluoromethane*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Ethylbenzene*	**0.0007**	0.0005	0.00003	mg/L	1	12/21/23 17:52	8260B		MS
Hexachlorobutadiene*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Iodomethane	<0.001	0.001	0.00006	mg/L	1	12/21/23 17:52	8260B		MS
Isopropylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	12/21/23 17:52	8260B		MS
m+p - Xylene*	**0.010**	0.001	0.00008	mg/L	1	12/21/23 17:52	8260B		MS
Methyl tert-butyl ether	<0.001	0.001	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
Methylene chloride*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Naphthalene*	<0.0005	0.0005	0.00008	mg/L	1	12/21/23 17:52	8260B		MS
n-Butylbenzene*	<0.0005	0.0005	0.00007	mg/L	1	12/21/23 17:52	8260B		MS
n-Propylbenzene*	<0.0005	0.0005	0.00005	mg/L	1	12/21/23 17:52	8260B		MS
o-Xylene*	**0.010**	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
p-Isopropyltoluene*	**0.002**	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
sec-Butylbenzene*	<0.0005	0.0005	0.00004	mg/L	1	12/21/23 17:52	8260B		MS
Styrene*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
tert-Butylbenzene*	<0.0005	0.0005	0.00007	mg/L	1	12/21/23 17:52	8260B		MS
Tetrachloroethene*	<0.0005	0.0005	0.00009	mg/L	1	12/21/23 17:52	8260B		MS
Toluene*	<0.0005	0.0005	0.00008	mg/L	1	12/21/23 17:52	8260B		MS

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

MW #102

2312130-01 (Ground Water)
Sampled Date: 12/14/23 12:50

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Total Xylenes*	**0.019**	0.001	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
trans-1,2-Dichloroethene*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
trans-1,3-Dichloropropene*	<0.0005	0.0005	0.00005	mg/L	1	12/21/23 17:52	8260B		MS
trans-1,4-Dichloro-2-butene	<0.010	0.010	0.0003	mg/L	1	12/21/23 17:52	8260B		MS
Trichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	12/21/23 17:52	8260B		MS
Trichlorofluoromethane*	<0.0005	0.0005	0.0001	mg/L	1	12/21/23 17:52	8260B		MS
Vinyl acetate*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Vinyl chloride*	<0.0005	0.0005	0.0005	mg/L	1	12/21/23 17:52	8260B		MS
Surrogate: 4-Bromofluorobenzene			*104 %*	*76.4-114*		*12/21/23 17:52*	*8260B*		MS
Surrogate: Dibromofluoromethane			*107 %*	*82.4-141*		*12/21/23 17:52*	*8260B*		MS
Surrogate: Toluene-d8			*98.6 %*	*87.1-110*		*12/21/23 17:52*	*8260B*		MS

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles										
Blank (3122038-BLK1)			Prepared: 12/20/23 Analyzed: 12/21/23							
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	*0.0224*		mg/L	*0.0250*		*89.4*	*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							

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles (Continued)										
Blank (3122038-BLK1) (Continued)			Prepared: 12/20/23 Analyzed: 12/21/23							
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	*0.0285*		mg/L	*0.0250*		*114*	*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*		*99.8*	*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

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles (Continued)										
LCS (3122038-BS1)			Prepared: 12/20/23 Analyzed: 12/21/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		101	82.4-120			
1,1,1-Trichloroethane	0.020	0.0005	mg/L	0.0200		102	80.7-121			
1,1,2,2-Tetrachloroethane	0.018	0.0005	mg/L	0.0200		88.3	76.5-121			
1,1,2-Trichloroethane	0.019	0.0005	mg/L	0.0200		96.5	81.7-118			
1,1-Dichloroethane	0.020	0.0005	mg/L	0.0200		97.6	74.8-123			
1,1-Dichloroethene	0.025	0.0005	mg/L	0.0200		124	53.9-149			
1,1-Dichloropropene	0.021	0.0005	mg/L	0.0200		103	85.9-115			
1,2,3-Trichlorobenzene	0.021	0.0005	mg/L	0.0200		103	76.1-134			
1,2,4-Trichlorobenzene	0.020	0.0005	mg/L	0.0200		101	72.4-136			
1,2,4-Trimethylbenzene	0.021	0.0005	mg/L	0.0200		105	67.4-138			
1,2-Dibromo-3-chloropropane	0.016	0.0005	mg/L	0.0200		81.2	71.7-124			
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		94.8	84.9-116			
1,2-Dichlorobenzene	0.022	0.0005	mg/L	0.0200		110	82.5-119			
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		97.6	72.5-123			
1,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		107	79.4-117			
1,3,5-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		112	69-137			
1,3-Dichlorobenzene	0.023	0.0005	mg/L	0.0200		115	84.4-120			
1,3-Dichloropropane	0.019	0.0005	mg/L	0.0200		95.4	82.6-117			
1,4 Dichlorobenzene	0.020	0.0005	mg/L	0.0200		101	81.7-118			
1,4-Dioxane	0.397	0.010	mg/L	0.400		99.2	-34.6-193			
1.2.3-trichloropropane	0.018	0.0005	mg/L	0.0200		91.6	44.7-168			
2,2-Dichloropropane	0.020	0.0005	mg/L	0.0200		100	62.9-136			
2-Butanone	0.038	0.002	mg/L	0.0400		95.2	24.1-159			
2-Chlorotoluene	0.020	0.0005	mg/L	0.0200		102	80.2-121			
2-Hexanone	0.032	0.001	mg/L	0.0400		80.5	56.3-139			
Surrogate: 4-Bromofluorobenzene	*0.0256*		mg/L	*0.0250*		*102*	*76.4-114*			
4-Chlorotoluene	0.022	0.0005	mg/L	0.0200		108	82.2-125			
4-Methyl-2-pentanone	0.029	0.001	mg/L	0.0400		73.2	60.7-139			
Acetone	0.037	0.010	mg/L	0.0400		91.9	39.1-168			
Acrolein	0.234	0.005	mg/L	0.200		117	26.6-161			
Acrylonitrile	0.033	0.002	mg/L	0.0400		81.4	64.9-135			
Benzene	0.022	0.0005	mg/L	0.0200		110	69.4-129			
Bromobenzene	0.022	0.0005	mg/L	0.0200		108	83.5-115			
Bromochloromethane	0.020	0.0005	mg/L	0.0200		101	70.7-123			
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		102	80.3-119			
Bromoform	0.019	0.0005	mg/L	0.0200		97.1	71.1-141			
Bromomethane	0.023	0.0005	mg/L	0.0200		114	55.1-143			
Carbon disulfide	0.038	0.001	mg/L	0.0400		94.6	53.6-147			
Carbon tetrachloride	0.021	0.0005	mg/L	0.0200		105	79.5-125			

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles (Continued)										
LCS (3122038-BS1) (Continued)			Prepared: 12/20/23 Analyzed: 12/21/23							
Chlorobenzene	0.020	0.0005	mg/L	0.0200		100	85.1-115			
Chloroethane	0.024	0.0005	mg/L	0.0200		118	36.9-159			
Chloroform	0.017	0.0005	mg/L	0.0200		84.4	80.9-119			
Chloromethane	0.017	0.0005	mg/L	0.0200		83.4	54.2-142			
cis-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		101	73.8-128			
cis-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		92.9	82.5-122			
Dibromochloromethane	0.021	0.0005	mg/L	0.0200		103	83.1-124			
Surrogate: Dibromofluoromethane	*0.0243*		mg/L	*0.0250*		*97.2*	*82.4-141*			
Dibromomethane	0.019	0.0005	mg/L	0.0200		93.6	77-118			
Dichlorodifluoromethane	0.021	0.0005	mg/L	0.0200		103	38.7-147			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		97.0	70.2-130			
Hexachlorobutadiene	0.024	0.0005	mg/L	0.0200		120	78.9-148			
Iodomethane	0.039	0.001	mg/L	0.0400		96.8	63.5-135			
Isopropylbenzene	0.021	0.0005	mg/L	0.0200		104	85-124			
m+p - Xylene	0.040	0.001	mg/L	0.0400		100	71.9-133			
Methyl tert-butyl ether	0.039	0.001	mg/L	0.0400		97.5	57.7-137			
Methylene chloride	0.021	0.0005	mg/L	0.0200		103	49.3-163			
Naphthalene	0.019	0.0005	mg/L	0.0200		94.0	62.1-141			
n-Butylbenzene	0.021	0.0005	mg/L	0.0200		107	75.4-132			
n-Propylbenzene	0.020	0.0005	mg/L	0.0200		98.5	79.6-124			
o-Xylene	0.019	0.0005	mg/L	0.0200		96.0	69.4-132			
p-Isopropyltoluene	0.020	0.0005	mg/L	0.0200		101	79.8-131			
sec-Butylbenzene	0.022	0.0005	mg/L	0.0200		110	77.6-133			
Styrene	0.020	0.0005	mg/L	0.0200		100	71.7-128			
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		107	78.8-128			
Tetrachloroethene	0.021	0.0005	mg/L	0.0200		106	74.2-128			
Toluene	0.019	0.0005	mg/L	0.0200		97.4	68.1-127			
Surrogate: Toluene-d8	*0.0247*		mg/L	*0.0250*		*98.7*	*87.1-110*			
Total Xylenes	0.059	0.001	mg/L	0.0600		98.8	71.6-132			
trans-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		98.5	65.2-133			
trans-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		96.8	84-123			
trans-1,4-Dichloro-2-butene	0.030	0.010	mg/L	0.0400		75.9	9.3-235			
Trichloroethene	0.020	0.0005	mg/L	0.0200		100	79.3-114			
Trichlorofluoromethane	0.022	0.0005	mg/L	0.0200		109	28.6-162			
Vinyl acetate	0.018	0.0005	mg/L	0.0200		88.6	50.9-135			
Vinyl chloride	0.023	0.0005	mg/L	0.0200		117	61.6-133			
LCS Dup (3122038-BSD1)			Prepared: 12/20/23 Analyzed: 12/21/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		97.6	82.4-120	2.98	6.88	

Green Analytical Laboratories

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control
(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles (Continued)										
LCS Dup (3122038-BSD1) (Continued)			Prepared: 12/20/23 Analyzed: 12/21/23							
1,1,1-Trichloroethane	0.020	0.0005	mg/L	0.0200		99.4	80.7-121	2.19	7.43	
1,1,2,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		100	76.5-121	12.7	8.68	QR-04
1,1,2-Trichloroethane	0.021	0.0005	mg/L	0.0200		103	81.7-118	6.18	6.82	
1,1-Dichloroethane	0.019	0.0005	mg/L	0.0200		94.9	74.8-123	2.86	4.3	
1,1-Dichloroethene	0.022	0.0005	mg/L	0.0200		109	53.9-149	13.0	16.5	
1,1-Dichloropropene	0.020	0.0005	mg/L	0.0200		99.3	85.9-115	3.51	5.47	
1,2,3-Trichlorobenzene	0.020	0.0005	mg/L	0.0200		102	76.1-134	0.438	43	
1,2,4-Trichlorobenzene	0.019	0.0005	mg/L	0.0200		95.9	72.4-136	5.33	22.3	
1,2,4-Trimethylbenzene	0.020	0.0005	mg/L	0.0200		102	67.4-138	2.76	8.94	
1,2-Dibromo-3-chloropropane	0.020	0.0005	mg/L	0.0200		102	71.7-124	23.2	15.1	QR-04
1,2-Dibromoethane	0.020	0.0005	mg/L	0.0200		101	84.9-116	5.98	5.83	QR-04
1,2-Dichlorobenzene	0.022	0.0005	mg/L	0.0200		109	82.5-119	0.774	8.72	
1,2-Dichloroethane	0.020	0.0005	mg/L	0.0200		101	72.5-123	3.92	8.94	
1,2-Dichloropropane	0.021	0.0005	mg/L	0.0200		104	79.4-117	3.42	5.51	
1,3,5-Trimethylbenzene	0.022	0.0005	mg/L	0.0200		108	69-137	3.47	16.5	
1,3-Dichlorobenzene	0.022	0.0005	mg/L	0.0200		112	84.4-120	2.43	9	
1,3-Dichloropropane	0.020	0.0005	mg/L	0.0200		98.6	82.6-117	3.40	6.06	
1,4 Dichlorobenzene	0.020	0.0005	mg/L	0.0200		99.2	81.7-118	1.45	7.71	
1,4-Dioxane	0.548	0.010	mg/L	0.400		137	-34.6-193	32.0	35.2	
1.2.3-trichloropropane	0.022	0.0005	mg/L	0.0200		108	44.7-168	16.3	49.2	
2,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		96.6	62.9-136	3.46	9.62	
2-Butanone	0.045	0.002	mg/L	0.0400		111	24.1-159	15.6	14.2	QR-04
2-Chlorotoluene	0.020	0.0005	mg/L	0.0200		100	80.2-121	2.32	8.62	
2-Hexanone	0.046	0.001	mg/L	0.0400		116	56.3-139	35.9	7.28	QR-04
Surrogate: 4-Bromofluorobenzene	*0.0255*		mg/L	*0.0250*		*102*	*76.4-114*			
4-Chlorotoluene	0.021	0.0005	mg/L	0.0200		105	82.2-125	2.45	15.5	
4-Methyl-2-pentanone	0.040	0.001	mg/L	0.0400		101	60.7-139	31.5	7.57	QR-04
Acetone	0.046	0.010	mg/L	0.0400		115	39.1-168	22.2	30.5	
Acrolein	0.261	0.005	mg/L	0.200		131	26.6-161	10.9	22.4	
Acrylonitrile	0.044	0.002	mg/L	0.0400		109	64.9-135	29.2	7.62	QR-04
Benzene	0.021	0.0005	mg/L	0.0200		106	69.4-129	2.96	4.16	
Bromobenzene	0.021	0.0005	mg/L	0.0200		105	83.5-115	2.59	8.41	
Bromochloromethane	0.020	0.0005	mg/L	0.0200		98.8	70.7-123	2.50	5.16	
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		101	80.3-119	1.33	5.36	
Bromoform	0.019	0.0005	mg/L	0.0200		97.4	71.1-141	0.308	14.1	
Bromomethane	0.022	0.0005	mg/L	0.0200		111	55.1-143	3.29	21.5	
Carbon disulfide	0.037	0.001	mg/L	0.0400		93.3	53.6-147	1.38	20.3	
Carbon tetrachloride	0.020	0.0005	mg/L	0.0200		100	79.5-125	4.44	11.4	
Chlorobenzene	0.020	0.0005	mg/L	0.0200		99.0	85.1-115	1.45	5.18	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3122038 - Volatiles (Continued)										
LCS Dup (3122038-BSD1) (Continued)			Prepared: 12/20/23 Analyzed: 12/21/23							
Chloroethane	0.022	0.0005	mg/L	0.0200		112	36.9-159	5.11	24.1	
Chloroform	0.019	0.0005	mg/L	0.0200		94.3	80.9-119	11.1	5.15	QR-04
Chloromethane	0.016	0.0005	mg/L	0.0200		79.3	54.2-142	5.04	27	
cis-1,2-Dichloroethene	0.020	0.0005	mg/L	0.0200		99.1	73.8-128	1.95	5.73	
cis-1,3-Dichloropropene	0.018	0.0005	mg/L	0.0200		90.8	82.5-122	2.34	6.09	
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		97.8	83.1-124	5.57	7.24	
Surrogate: Dibromofluoromethane	*0.0254*		mg/L	*0.0250*		*102*	*82.4-141*			
Dibromomethane	0.020	0.0005	mg/L	0.0200		98.8	77-118	5.46	5.75	
Dichlorodifluoromethane	0.020	0.0005	mg/L	0.0200		97.5	38.7-147	5.15	22.6	
Ethylbenzene	0.019	0.0005	mg/L	0.0200		94.6	70.2-130	2.51	4.83	
Hexachlorobutadiene	0.020	0.0005	mg/L	0.0200		100	78.9-148	17.9	18.4	
Iodomethane	0.037	0.001	mg/L	0.0400		92.2	63.5-135	4.84	24.3	
Isopropylbenzene	0.020	0.0005	mg/L	0.0200		99.6	85-124	4.13	6.25	
m+p - Xylene	0.039	0.001	mg/L	0.0400		97.0	71.9-133	3.14	5.77	
Methyl tert-butyl ether	0.041	0.001	mg/L	0.0400		103	57.7-137	5.27	12.8	
Methylene chloride	0.021	0.0005	mg/L	0.0200		105	49.3-163	1.49	19.7	
Naphthalene	0.022	0.0005	mg/L	0.0200		108	62.1-141	13.9	33.5	
n-Butylbenzene	0.020	0.0005	mg/L	0.0200		99.9	75.4-132	7.24	10.1	
n-Propylbenzene	0.019	0.0005	mg/L	0.0200		94.8	79.6-124	3.83	9.09	
o-Xylene	0.019	0.0005	mg/L	0.0200		92.8	69.4-132	3.44	6.29	
p-Isopropyltoluene	0.019	0.0005	mg/L	0.0200		94.6	79.8-131	6.30	9.26	
sec-Butylbenzene	0.021	0.0005	mg/L	0.0200		105	77.6-133	4.96	9.85	
Styrene	0.019	0.0005	mg/L	0.0200		96.2	71.7-128	3.87	7.55	
tert-Butylbenzene	0.021	0.0005	mg/L	0.0200		103	78.8-128	4.00	18.6	
Tetrachloroethene	0.020	0.0005	mg/L	0.0200		101	74.2-128	4.34	6.38	
Toluene	0.018	0.0005	mg/L	0.0200		91.6	68.1-127	6.09	5.67	QR-04
Surrogate: Toluene-d8	*0.0241*		mg/L	*0.0250*		*96.4*	*87.1-110*			
Total Xylenes	0.057	0.001	mg/L	0.0600		95.6	71.6-132	3.24	5.83	
trans-1,2-Dichloroethene	0.019	0.0005	mg/L	0.0200		93.2	65.2-133	5.53	19.1	
trans-1,3-Dichloropropene	0.019	0.0005	mg/L	0.0200		97.0	84-123	0.155	6.26	
trans-1,4-Dichloro-2-butene	0.034	0.010	mg/L	0.0400		85.6	9.3-235	12.0	92.8	
Trichloroethene	0.020	0.0005	mg/L	0.0200		99.6	79.3-114	0.849	4.92	
Trichlorofluoromethane	0.020	0.0005	mg/L	0.0200		100	28.6-162	8.12	19.8	
Vinyl acetate	0.021	0.0005	mg/L	0.0200		103	50.9-135	14.7	7.84	QR-04
Vinyl chloride	0.022	0.0005	mg/L	0.0200		111	61.6-133	5.57	23	

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

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	Report Limit
MDL	Method Detection Limit

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	12/27/23 15:04

Qualifier Summary

LabNumber	Analysis	Analyte	Qualifier	TextBody
3122038-BSD1	Volatile 8260	1,1,2,2-Tetrachloroethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	1,2-Dibromo-3-chloropropane	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	1,2-Dibromoethane	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	2-Butanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	2-Hexanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	4-Methyl-2-pentanone	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	Acrylonitrile	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	Chloroform	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	Toluene	QR-04	The RPD for the BS/BSD was outside of historical limits.
3122038-BSD1	Volatile 8260	Vinyl acetate	QR-04	The RPD for the BS/BSD was outside of historical limits.

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 Com H #180
Project Number:
Sampler Name (Print): Dylan Songer

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: GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	OTHER :	# of containers: No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	ANALYSIS REQUEST: EPA Method 8260 (VOCs)
232130 01	MW #102	12/14/23	1250	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: MRN 12/15 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: 1 cooler #2 on ice

Temperature at reciept: 10.4°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 #** 2312 130

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**

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

23 March 2023

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: GCU Com H #180

Enclosed are the results of analyses for samples received by the laboratory on 03/09/23 14:45. 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,

Jeremy D Allen
Laboratory Director

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: T104704398-22-15

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

www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW #102	2303107-01	Water	03/09/23 13:25	03/09/23 14:45	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

MW #102

2303107-01 (Ground Water)

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Dichlorodifluoromethane*	<0.0005	0.0005	0.00009	mg/L	1	03/21/23 03:29	8260B		MS
Chloromethane*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
Vinyl chloride*	<0.0005	0.0005	0.00005	mg/L	1	03/21/23 03:29	8260B		MS
Bromomethane*	<0.0005	0.0005	0.00005	mg/L	1	03/21/23 03:29	8260B		MS
Chloroethane*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Trichlorofluoromethane*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
1,1-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	03/21/23 03:29	8260B		MS
Carbon disulfide*	<0.001	0.001	0.0003	mg/L	1	03/21/23 03:29	8260B		MS
Iodomethane	<0.001	0.001	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Acrolein*	<0.005	0.005	0.0007	mg/L	1	03/21/23 03:29	8260B		MS
Methylene chloride*	<0.0005	0.0005	0.0003	mg/L	1	03/21/23 03:29	8260B		MS
Acetone*	<0.010	0.010	0.006	mg/L	1	03/21/23 03:29	8260B		MS
trans-1,2-Dichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	03/21/23 03:29	8260B		MS
Methyl t-Butyl Ether*	<0.001	0.001	0.0003	mg/L	1	03/21/23 03:29	8260B		MS
1,1-Dichloroethane*	<0.0005	0.0005	0.00008	mg/L	1	03/21/23 03:29	8260B		MS
Acrylonitrile*	<0.002	0.002	0.002	mg/L	1	03/21/23 03:29	8260B		MS
Vinyl acetate*	<0.0005	0.0005	0.0004	mg/L	1	03/21/23 03:29	8260B		MS
cis-1,2-Dichloroethene*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
2,2-Dichloropropane*	<0.0005	0.0005	0.0003	mg/L	1	03/21/23 03:29	8260B		MS
Bromochloromethane*	<0.0005	0.0005	0.00007	mg/L	1	03/21/23 03:29	8260B		MS
Chloroform*	<0.0005	0.0005	0.00005	mg/L	1	03/21/23 03:29	8260B		MS
Carbon tetrachloride*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
1,1,1-Trichloroethane*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
1,1-Dichloropropene*	<0.0005	0.0005	0.00007	mg/L	1	03/21/23 03:29	8260B		MS
2-Butanone*	<0.002	0.002	0.002	mg/L	1	03/21/23 03:29	8260B		MS
Benzene*	<0.0005	0.0005	0.00009	mg/L	1	03/21/23 03:29	8260B		MS
1,2-Dichloroethane*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Trichloroethene*	<0.0005	0.0005	0.0002	mg/L	1	03/21/23 03:29	8260B		MS
Dibromomethane*	<0.0005	0.0005	0.0002	mg/L	1	03/21/23 03:29	8260B		MS
1,2-Dichloropropane*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Bromodichloromethane*	<0.0005	0.0005	0.00007	mg/L	1	03/21/23 03:29	8260B		MS
cis-1,3-Dichloropropene*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

MW #102

2303107-01 (Ground Water)

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Toluene*	<0.0005	0.0005	0.00007	mg/L	1	03/21/23 03:29	8260B		MS
4-Methyl-2-pentanone*	<0.001	0.001	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Tetrachloroethene*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
trans-1,3-Dichloropropene*	<0.0005	0.0005	0.00008	mg/L	1	03/21/23 03:29	8260B		MS
1,1,2-Trichloroethane*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
Dibromochloromethane*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
1,3-Dichloropropane*	<0.0005	0.0005	0.00001	mg/L	1	03/21/23 03:29	8260B		MS
1,2-Dibromoethane*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
2-Hexanone*	<0.001	0.001	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
Chlorobenzene*	<0.0005	0.0005	0.00002	mg/L	1	03/21/23 03:29	8260B		MS
Ethylbenzene*	<0.0005	0.0005	0.00009	mg/L	1	03/21/23 03:29	8260B		MS
1,1,1,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
m+p - Xylene*	**0.001**	0.001	0.0005	mg/L	1	03/21/23 03:29	8260B		MS
o-Xylene*	<0.0005	0.0005	0.00007	mg/L	1	03/21/23 03:29	8260B		MS
Total Xylenes*	**0.001**	0.001	0.0005	mg/L	1	03/21/23 03:29	8260B		MS
Bromoform*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
Styrene*	<0.0005	0.0005	0.00002	mg/L	1	03/21/23 03:29	8260B		MS
Isopropylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	03/21/23 03:29	8260B		MS
Bromobenzene*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
n-Propylbenzene*	<0.0005	0.0005	0.00001	mg/L	1	03/21/23 03:29	8260B		MS
1,1,2,2-Tetrachloroethane*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
2-Chlorotoluene*	<0.0005	0.0005	0.00004	mg/L	1	03/21/23 03:29	8260B		MS
1.2.3-trichloropropane*	<0.0005	0.0005	0.00005	mg/L	1	03/21/23 03:29	8260B		MS
1,3,5-Trimethylbenzene*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
trans-1,4-Dichloro-2-butene	<0.010	0.010	0.006	mg/L	1	03/21/23 03:29	8260B		MS
4-Chlorotoluene*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
tert-Butylbenzene*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
1,2,4-Trimethylbenzene*	**0.002**	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
sec-Butylbenzene*	<0.0005	0.0005	0.00002	mg/L	1	03/21/23 03:29	8260B		MS
p-Isopropyltoluene*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
1,3-Dichlorobenzene*	<0.0005	0.0005	0.00004	mg/L	1	03/21/23 03:29	8260B		MS
1,4 Dichlorobenzene*	<0.0005	0.0005	0.00004	mg/L	1	03/21/23 03:29	8260B		MS

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

MW #102

2303107-01 (Ground Water)

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

VOLATILES BY GC/MS

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
n-Butylbenzene*	<0.0005	0.0005	0.00003	mg/L	1	03/21/23 03:29	8260B		MS
1,2-Dichlorobenzene*	<0.0005	0.0005	0.00006	mg/L	1	03/21/23 03:29	8260B		MS
1,2-Dibromo-3-chloropropane*	<0.0005	0.0005	0.0002	mg/L	1	03/21/23 03:29	8260B		MS
Hexachlorobutadiene*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
1,2,4-Trichlorobenzene*	<0.0005	0.0005	0.00009	mg/L	1	03/21/23 03:29	8260B		MS
Naphthalene*	<0.0005	0.0005	0.00004	mg/L	1	03/21/23 03:29	8260B		MS
1,2,3-Trichlorobenzene*	<0.0005	0.0005	0.0001	mg/L	1	03/21/23 03:29	8260B		MS
1,4-Dioxane	<0.100	0.100	0.029	mg/L	1	03/21/23 03:29	8260B		MS
Surrogate: Dibromofluoromethane			*111 %*	*82.4-141*		*03/21/23 03:29*	*8260B*		MS
Surrogate: Toluene-d8			*93.8 %*	*87.1-110*		*03/21/23 03:29*	*8260B*		MS
Surrogate: 4-Bromofluorobenzene			*92.6 %*	*76.4-114*		*03/21/23 03:29*	*8260B*		MS

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles										
Blank (3031706-BLK1)			Prepared: 03/17/23 Analyzed: 03/20/23							
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	0.100	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	*0.0229*		mg/L	*0.0250*		*91.8*	*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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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles (Continued)										
Blank (3031706-BLK1) (Continued)			Prepared: 03/17/23 Analyzed: 03/20/23							
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	*0.0270*		mg/L	*0.0250*		*108*	*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 t-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	*0.0246*		mg/L	*0.0250*		*98.4*	*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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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles (Continued)										
LCS (3031706-BS1)			Prepared: 03/17/23 Analyzed: 03/20/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		97.5	89.5-111			
1,1,1-Trichloroethane	0.021	0.0005	mg/L	0.0200		104	85.1-117			
1,1,2,2-Tetrachloroethane	0.018	0.0005	mg/L	0.0200		90.2	68.8-127			
1,1,2-Trichloroethane	0.018	0.0005	mg/L	0.0200		87.6	77.4-118			
1,1-Dichloroethane	0.019	0.0005	mg/L	0.0200		95.2	78.1-121			
1,1-Dichloroethene	0.019	0.0005	mg/L	0.0200		93.2	64-124			
1,1-Dichloropropene	0.019	0.0005	mg/L	0.0200		95.1	81-122			
1,2,3-Trichlorobenzene	0.017	0.0005	mg/L	0.0200		86.0	85.7-115			
1,2,4-Trichlorobenzene	0.015	0.0005	mg/L	0.0200		76.8	83.5-117			BS2
1,2,4-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		94.0	78.4-126			
1,2-Dibromo-3-chloropropane	0.018	0.0005	mg/L	0.0200		89.0	77.2-116			
1,2-Dibromoethane	0.019	0.0005	mg/L	0.0200		94.0	88.6-113			
1,2-Dichlorobenzene	0.018	0.0005	mg/L	0.0200		90.4	86.5-111			
1,2-Dichloroethane	0.018	0.0005	mg/L	0.0200		90.6	75.6-120			
1,2-Dichloropropane	0.020	0.0005	mg/L	0.0200		98.1	76.8-121			
1,3,5-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		93.1	79.2-127			
1,3-Dichlorobenzene	0.019	0.0005	mg/L	0.0200		93.4	87.7-112			
1,3-Dichloropropane	0.018	0.0005	mg/L	0.0200		91.7	82.1-119			
1,4 Dichlorobenzene	0.018	0.0005	mg/L	0.0200		92.0	85.2-111			
1,4-Dioxane	0.347	0.100	mg/L	0.400		86.7	-34.9-102			
1.2.3-trichloropropane	0.018	0.0005	mg/L	0.0200		87.8	53.2-135			
2,2-Dichloropropane	0.018	0.0005	mg/L	0.0200		89.8	74.3-136			
2-Butanone	0.036	0.002	mg/L	0.0400		90.0	65.6-132			
2-Chlorotoluene	0.018	0.0005	mg/L	0.0200		87.6	78.3-123			
2-Hexanone	0.031	0.001	mg/L	0.0400		78.5	66.6-126			
Surrogate: 4-Bromofluorobenzene	*0.0237*		mg/L	*0.0250*		*95.0*	*76.4-114*			
4-Chlorotoluene	0.019	0.0005	mg/L	0.0200		93.0	76.8-129			
4-Methyl-2-pentanone	0.033	0.001	mg/L	0.0400		81.4	67.7-128			
Acetone	0.036	0.010	mg/L	0.0400		91.0	54.3-140			
Acrolein	0.142	0.005	mg/L	0.200		71.0	29.4-149			
Acrylonitrile	0.034	0.002	mg/L	0.0400		85.2	60.8-143			
Benzene	0.020	0.0005	mg/L	0.0200		99.3	82.7-115			
Bromobenzene	0.019	0.0005	mg/L	0.0200		93.1	85.1-112			
Bromochloromethane	0.018	0.0005	mg/L	0.0200		89.6	77.8-118			
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		101	82.7-118			
Bromoform	0.017	0.0005	mg/L	0.0200		84.2	76.1-133			
Bromomethane	0.018	0.0005	mg/L	0.0200		89.2	61.1-126			
Carbon disulfide	0.036	0.001	mg/L	0.0400		90.3	67.2-128			
Carbon tetrachloride	0.021	0.0005	mg/L	0.0200		104	89.7-117			

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Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles (Continued)										
LCS (3031706-BS1) (Continued)			Prepared: 03/17/23 Analyzed: 03/20/23							
Chlorobenzene	0.020	0.0005	mg/L	0.0200		97.8	86.2-112			
Chloroethane	0.017	0.0005	mg/L	0.0200		86.3	62.4-125			
Chloroform	0.019	0.0005	mg/L	0.0200		95.0	86.7-115			
Chloromethane	0.018	0.0005	mg/L	0.0200		92.0	47.1-145			
cis-1,2-Dichloroethene	0.018	0.0005	mg/L	0.0200		88.0	76-117			
cis-1,3-Dichloropropene	0.016	0.0005	mg/L	0.0200		80.4	80.9-123			BS2
Dibromochloromethane	0.020	0.0005	mg/L	0.0200		101	88.7-121			
Surrogate: Dibromofluoromethane	*0.0263*		mg/L	*0.0250*		*105*	*82.4-141*			
Dibromomethane	0.019	0.0005	mg/L	0.0200		93.0	86.4-114			
Dichlorodifluoromethane	0.018	0.0005	mg/L	0.0200		87.8	36.1-160			
Ethylbenzene	0.019	0.0005	mg/L	0.0200		93.8	84.3-117			
Hexachlorobutadiene	0.021	0.0005	mg/L	0.0200		105	94.3-116			
Iodomethane	0.040	0.001	mg/L	0.0400		99.4	77.4-124			
Isopropylbenzene	0.019	0.0005	mg/L	0.0200		94.1	88.1-114			
m+p - Xylene	0.039	0.001	mg/L	0.0400		96.4	85.9-122			
Methyl t-Butyl Ether	0.034	0.001	mg/L	0.0400		85.4	78.9-118			
Methylene chloride	0.020	0.0005	mg/L	0.0200		99.1	64.2-134			
Naphthalene	0.016	0.0005	mg/L	0.0200		78.6	80.6-121			BS2
n-Butylbenzene	0.017	0.0005	mg/L	0.0200		85.2	82.2-123			
n-Propylbenzene	0.018	0.0005	mg/L	0.0200		91.0	78.9-125			
o-Xylene	0.017	0.0005	mg/L	0.0200		86.8	85.6-112			
p-Isopropyltoluene	0.019	0.0005	mg/L	0.0200		92.6	82.5-123			
sec-Butylbenzene	0.019	0.0005	mg/L	0.0200		93.5	82.1-128			
Styrene	0.018	0.0005	mg/L	0.0200		89.0	78.3-117			
tert-Butylbenzene	0.020	0.0005	mg/L	0.0200		97.7	79.5-129			
Tetrachloroethene	0.020	0.0005	mg/L	0.0200		99.5	86.6-110			
Toluene	0.018	0.0005	mg/L	0.0200		90.6	82.8-112			
Surrogate: Toluene-d8	*0.0237*		mg/L	*0.0250*		*94.6*	*87.1-110*			
Total Xylenes	0.056	0.001	mg/L	0.0600		93.2	86.5-118			
trans-1,2-Dichloroethene	0.018	0.0005	mg/L	0.0200		90.5	69.2-119			
trans-1,3-Dichloropropene	0.018	0.0005	mg/L	0.0200		90.7	77.4-131			
trans-1,4-Dichloro-2-butene	0.029	0.010	mg/L	0.0400		72.7	41.4-204			
Trichloroethene	0.018	0.0005	mg/L	0.0200		91.0	82.2-114			
Trichlorofluoromethane	0.020	0.0005	mg/L	0.0200		101	78.2-126			
Vinyl acetate	0.013	0.0005	mg/L	0.0200		66.4	56.2-148			
Vinyl chloride	0.019	0.0005	mg/L	0.0200		92.8	62-135			
LCS Dup (3031706-BSD1)			Prepared: 03/17/23 Analyzed: 03/20/23							
1,1,1,2-Tetrachloroethane	0.020	0.0005	mg/L	0.0200		98.2	89.5-111	0.664	6.88	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles (Continued)										
LCS Dup (3031706-BSD1) (Continued)			Prepared: 03/17/23 Analyzed: 03/20/23							
1,1,1-Trichloroethane	0.020	0.0005	mg/L	0.0200		102	85.1-117	1.41	7.43	
1,1,2,2-Tetrachloroethane	0.018	0.0005	mg/L	0.0200		87.6	68.8-127	2.93	8.68	
1,1,2-Trichloroethane	0.018	0.0005	mg/L	0.0200		91.2	77.4-118	4.14	6.82	
1,1-Dichloroethane	0.019	0.0005	mg/L	0.0200		93.5	78.1-121	1.80	4.3	
1,1-Dichloroethene	0.018	0.0005	mg/L	0.0200		91.4	64-124	1.95	16.5	
1,1-Dichloropropene	0.019	0.0005	mg/L	0.0200		95.7	81-122	0.629	5.47	
1,2,3-Trichlorobenzene	0.017	0.0005	mg/L	0.0200		86.8	85.7-115	0.868	43	
1,2,4-Trichlorobenzene	0.015	0.0005	mg/L	0.0200		76.6	83.5-117	0.261	22.3	BS2
1,2,4-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		95.4	78.4-126	1.43	8.94	
1,2-Dibromo-3-chloropropane	0.017	0.0005	mg/L	0.0200		84.7	77.2-116	4.89	15.1	
1,2-Dibromoethane	0.020	0.0005	mg/L	0.0200		97.6	88.6-113	3.76	5.83	
1,2-Dichlorobenzene	0.018	0.0005	mg/L	0.0200		92.0	86.5-111	1.86	8.72	
1,2-Dichloroethane	0.018	0.0005	mg/L	0.0200		92.2	75.6-120	1.75	8.94	
1,2-Dichloropropane	0.019	0.0005	mg/L	0.0200		96.4	76.8-121	1.75	5.51	
1,3,5-Trimethylbenzene	0.019	0.0005	mg/L	0.0200		93.1	79.2-127	0.00	16.5	
1,3-Dichlorobenzene	0.018	0.0005	mg/L	0.0200		92.4	87.7-112	1.02	9	
1,3-Dichloropropane	0.019	0.0005	mg/L	0.0200		94.0	82.1-119	2.48	6.06	
1,4 Dichlorobenzene	0.018	0.0005	mg/L	0.0200		92.2	85.2-111	0.272	7.71	
1,4-Dioxane	0.339	0.100	mg/L	0.400		84.7	-34.9-102	2.36	35.2	
1.2.3-trichloropropane	0.017	0.0005	mg/L	0.0200		86.5	53.2-135	1.49	49.2	
2,2-Dichloropropane	0.018	0.0005	mg/L	0.0200		88.0	74.3-136	1.97	9.62	
2-Butanone	0.036	0.002	mg/L	0.0400		88.9	65.6-132	1.23	14.2	
2-Chlorotoluene	0.018	0.0005	mg/L	0.0200		88.8	78.3-123	1.36	8.62	
2-Hexanone	0.031	0.001	mg/L	0.0400		78.0	66.6-126	0.607	7.28	
Surrogate: 4-Bromofluorobenzene	*0.0238*		mg/L	*0.0250*		*95.3*	*76.4-114*			
4-Chlorotoluene	0.018	0.0005	mg/L	0.0200		89.9	76.8-129	3.39	15.5	
4-Methyl-2-pentanone	0.032	0.001	mg/L	0.0400		80.9	67.7-128	0.647	7.57	
Acetone	0.035	0.010	mg/L	0.0400		86.4	54.3-140	5.19	30.5	
Acrolein	0.130	0.005	mg/L	0.200		64.8	29.4-149	9.18	22.4	
Acrylonitrile	0.033	0.002	mg/L	0.0400		82.9	60.8-143	2.65	7.62	
Benzene	0.020	0.0005	mg/L	0.0200		100	82.7-115	0.802	4.16	
Bromobenzene	0.019	0.0005	mg/L	0.0200		93.9	85.1-112	0.856	8.41	
Bromochloromethane	0.018	0.0005	mg/L	0.0200		89.6	77.8-118	0.112	5.16	
Bromodichloromethane	0.020	0.0005	mg/L	0.0200		99.8	82.7-118	1.15	5.36	
Bromoform	0.014	0.0005	mg/L	0.0200		72.5	76.1-133	14.9	14.1	BS2, QR-04
Bromomethane	0.018	0.0005	mg/L	0.0200		88.5	61.1-126	0.788	21.5	
Carbon disulfide	0.034	0.001	mg/L	0.0400		85.6	67.2-128	5.40	20.3	
Carbon tetrachloride	0.021	0.0005	mg/L	0.0200		105	89.7-117	0.621	11.4	
Chlorobenzene	0.020	0.0005	mg/L	0.0200		99.2	86.2-112	1.37	5.18	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

GREEN Analytical Laboratories
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www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

VOLATILES BY GC/MS - Quality Control (Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3031706 - Volatiles (Continued)										
LCS Dup (3031706-BSD1) (Continued)			Prepared: 03/17/23 Analyzed: 03/20/23							
Chloroethane	0.017	0.0005	mg/L	0.0200		85.7	62.4-125	0.698	24.1	
Chloroform	0.019	0.0005	mg/L	0.0200		95.2	86.7-115	0.210	5.15	
Chloromethane	0.020	0.0005	mg/L	0.0200		98.1	47.1-145	6.31	27	
cis-1,2-Dichloroethene	0.017	0.0005	mg/L	0.0200		84.6	76-117	4.00	5.73	
cis-1,3-Dichloropropene	0.016	0.0005	mg/L	0.0200		77.9	80.9-123	3.16	6.09	BS2
Dibromochloromethane	0.019	0.0005	mg/L	0.0200		95.0	88.7-121	5.83	7.24	
Surrogate: Dibromofluoromethane	*0.0264*		mg/L	*0.0250*		*106*	*82.4-141*			
Dibromomethane	0.019	0.0005	mg/L	0.0200		93.4	86.4-114	0.483	5.75	
Dichlorodifluoromethane	0.018	0.0005	mg/L	0.0200		87.6	36.1-160	0.171	22.6	
Ethylbenzene	0.019	0.0005	mg/L	0.0200		95.6	84.3-117	1.85	4.83	
Hexachlorobutadiene	0.020	0.0005	mg/L	0.0200		99.2	94.3-116	6.16	18.4	
Iodomethane	0.039	0.001	mg/L	0.0400		97.2	77.4-124	2.24	24.3	
Isopropylbenzene	0.020	0.0005	mg/L	0.0200		97.8	88.1-114	3.91	6.25	
m+p - Xylene	0.040	0.001	mg/L	0.0400		99.2	85.9-122	2.84	5.77	
Methyl t-Butyl Ether	0.034	0.001	mg/L	0.0400		85.4	78.9-118	0.0293	12.8	
Methylene chloride	0.019	0.0005	mg/L	0.0200		95.8	64.2-134	3.44	19.7	
Naphthalene	0.016	0.0005	mg/L	0.0200		77.5	80.6-121	1.47	33.5	BS2
n-Butylbenzene	0.017	0.0005	mg/L	0.0200		82.6	82.2-123	3.22	10.1	
n-Propylbenzene	0.018	0.0005	mg/L	0.0200		90.8	78.9-125	0.330	9.09	
o-Xylene	0.018	0.0005	mg/L	0.0200		89.5	85.6-112	3.01	6.29	
p-Isopropyltoluene	0.018	0.0005	mg/L	0.0200		91.5	82.5-123	1.19	9.26	
sec-Butylbenzene	0.019	0.0005	mg/L	0.0200		93.4	82.1-128	0.107	9.85	
Styrene	0.017	0.0005	mg/L	0.0200		87.2	78.3-117	2.04	7.55	
tert-Butylbenzene	0.019	0.0005	mg/L	0.0200		95.6	79.5-129	2.23	18.6	
Tetrachloroethene	0.021	0.0005	mg/L	0.0200		103	86.6-110	3.02	6.38	
Toluene	0.018	0.0005	mg/L	0.0200		90.4	82.8-112	0.221	5.67	
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.0250*		*95.2*	*87.1-110*			
Total Xylenes	0.058	0.001	mg/L	0.0600		96.0	86.5-118	2.89	5.83	
trans-1,2-Dichloroethene	0.018	0.0005	mg/L	0.0200		89.4	69.2-119	1.28	19.1	
trans-1,3-Dichloropropene	0.017	0.0005	mg/L	0.0200		85.0	77.4-131	6.49	6.26	QR-04
trans-1,4-Dichloro-2-butene	0.013	0.010	mg/L	0.0400		32.7	41.4-204	76.0	92.8	BS2
Trichloroethene	0.019	0.0005	mg/L	0.0200		93.8	82.2-114	2.98	4.92	
Trichlorofluoromethane	0.020	0.0005	mg/L	0.0200		102	78.2-126	0.639	19.8	
Vinyl acetate	0.013	0.0005	mg/L	0.0200		64.2	56.2-148	3.29	7.84	
Vinyl chloride	0.019	0.0005	mg/L	0.0200		94.5	62-135	1.76	23	

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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www.GreenAnalytical.com

Cottonwood Consulting	Project: VOC 8260	
PO Box 1653	Project Name / Number: GCU Com H #180	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/23/23 12:10

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS2	Blank spike recovery below laboratory acceptance criteria. Results for analyte potentially biased low.
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

Jeremy D Allen, Laboratory Director

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

GAL 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	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 Com H #180	State: Zip:
Project Number:	Phone #:
Sampler Name (Print): Emma Millar	Fax or Email:

ANALYSIS REQUEST

VOC via 3-10 per Kyle

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:	EPA Method 8260
2303107	MRN 3/9															
01	MW #5 ~~#102~~	3/9/23	1325	X								4				X
	change per Kyle see email															

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:** 3/9/23 **Time:** 1445	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:

Temperature at reciept: 15.1°C

CHECKED BY: MRN

on ice

† 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 # 2303-107

Courier: ☐Fed Ex ☐UPS ☐USPS ☑Client

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: 15.1 °C Correction Factor: 0 °C Final Temp: 15.1 °C

*Temp should be above freezing to 6°C

Date/Initials of person examining contents: MRN 3/9/23

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. Bottle Samples have MW#102 COC has MW#5
Matrix:	(WT) SL OT	
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present:	☐Yes ☐No ☑N/A	

Client Notification/Resolution:

Person Contacted: Kyle Siesser Date/Time: 3/9/23 4:05

Comments/Resolution: Called and left a message. Will follow up with an email.
3/9 4:15pm Kyle called before an email could be sent. He confirmed the sample ID should be MW#102, I changed COC to match bottle sample ID

FORM-039, Rev 0 Page 1 of 1

RE: GCU Com H #180 change on COC needs email confirmation

Kyle Siesser <ksiesser@cottonwoodconsulting.com>
Fri 3/10/2023 9:42 AM
To: Green Analytical <receiving@greenanalytical.com>
That is correct. Thanks.

Kyle

From: Green Analytical <receiving@greenanalytical.com>
Sent: Friday, March 10, 2023 9:42 AM
To: Kyle Siesser <ksiesser@cottonwoodconsulting.com>
Subject: GCU Com H #180 change on COC needs email confirmation

Hi Kyle,

Please confirm via email that the change Maryann made on the COC is correct. see attachment

Thanks,

Veronica Wells
Green Analytical Laboratories
75 Suttle St, Durango, CO 81303
(970)247-4220

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

GCU Com H #180 API#: 30-045-07814
Unit J Sec 28 T29N 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.)
#101	100.00		7.77	11.65	-	-	-	-	-
#102	99.02		6.74	12.58	1325	7.52	5880	16.4	2.75
#103	99.51		7.48	12.58	-	-	-	-	-
#104	99.45		7.68	12.20	-	-	-	-	-
#105	-		6.80	12.00	-	-	-	-	-

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".
Collect sample from #102- all other wells have 8 consecutive clean quarters. If clean, last sample from #102.

on-site	1250	temp	~57°
off-site		temp	~57°
sky cond.	partly cloudy		
wind speed		direct.	

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

GCU Com H #180 API#: 30-045-07814
Unit J Sec 28 T29N R12W

LABORATORY (S) USED : GAL

Date : 6/20/23

DEVELOPER / SAMPLER : JL / DS

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT ~~(umhos)~~ (AMhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
#101	100.00		6.30	11.65	-	-	-	-	-
#102	99.02		6.48	12.58	1355	7.50	5.22	26.1	9
#103	99.51		5.95	12.58	-	-	-	-	-
#104	99.45		6.11	12.20	-	-	-	-	-
#105	-		5.30	12.00	-	-	-	-	-

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".

Collect sample from #102- all other wells have 8 consecutive clean quarters. If clean, last sample from #102.

Water Clear, Sulfur odor, possibly bacterial odor, no tint, no bubbles

on-site	1335	temp	85
off-site	1410	temp	85
sky cond.	Clear		
wind speed	0-5	direct. W	

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : **SIMCOE LLC**

GCU Com H #180 API#: 30-045-07814
Unit J Sec 28 T29N 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.)
#101	100.00	-	7.94	11.65	-	-	-	-	-
#102	99.02	-	7.08	12.58	1245	7.55	5220	30.0	2.75
#103	99.51	-	7.61	12.58	-	-	-	-	-
#104	99.45	-	7.60	12.20	-	-	-	-	-
#105	-	-	6.69	12.00	-	-	-	-	-

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".

Collect sample from #102- all other wells have 8 consecutive clean quarters.

Nearby ~~con't~~ site dewatering onto pad; standing water present across much of the pad. Met Clarence Smith from NMOCD on site.
Standing Water Conductivity 4170 umhos
standing water surrounding MW #102 & #105

well Photos: #1 = 101; #2 = 103; #3 = 102; #4 = 104; #5 = 105

on-site	1210	temp	~75°
off-site	1300	temp	~75°
sky cond.	clear		
wind speed	0-5	direct.	variable

COTTONWOOD CONSULTING LLC

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : SIMCOE LLC

GCU Com H #180 API#: 30-045-07814
Unit J Sec 28 T29N R12W

LABORATORY (S) USED : GAL

Date : 12/14/23

DEVELOPER / SAMPLER : KO/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.)
#101	100.00	3.54	8.11	11.65	-	-	-	-	-
#102	99.02	5.33	7.25	12.58	1250	9.49	6000	9.9	2.61
#103	99.51	4.80	7.78	12.58	-	-	-	-	-
#104	99.45	4.01	7.91	12.20	-	-	-	-	-
#105	-	4.88	7.12	12.00	-	-	-	-	-

NOTES : Volume of water purged from well prior to sampling: $V = pi \times r^2 \times h \times 7.48$ 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".
Collect sample from #102- all other wells have 8 consecutive clean quarters.

on-site	1230	temp	40
off-site	1300	temp	40
sky cond.	clear		
wind speed	0-5	direct.	SW

Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Exhaust Rate (cfm) *if known*	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic ALS 9A	1-10-23	1	11.1	-46	-37	—	Y	26.5	Y	
Florence GCU 16	1	2	23.1	Broken	—	—	N	31.4	N	Drum Frozen
Sandoval	1	1	62.2	-8	Broken	—	N	14	Y	Tank 80-90% Full
Jacquez	1	3	7.4	0.0	Broken	—	N	9	Y	Attempted to restart unit will not turn on
AI Elliot	1	5	165.0	-10	-10	—	Y	27.5	Y	638.8 hours run time
GCU 180	1	All	—	—	—	—	Y	—	—	2.5 PSI 154°F 1947.1 hrs 1)0.0 2)0.0 3)1.0 4)0.0
Heaton	1	Unit	106.6	-66	Broken	—	Y	26.5	Y	
Mudge B12R	1/11/23	1	—	—	—	—	N	32	N	drum frozen - unable to drain. SVE not operational.
Mudge A2	1/12/23	2	0.8	-54	—	—	Y	31	N	water in drum below drain port.

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Exhaust Rate (cfm) *if known*	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic ALS 9A	2-7-23	1	5.4	-38	-47	—	Y	26.5	Y	
Florence		2	2.5 ~~Broke~~ JL	Broken	—	—	N	27	N	Restarted System, System running when left Drum Frozen
Sandoval		1	0.4 ~~2~~ JL	—	—	—	N	14.25	Y	Attempted to restart Wont restart
Jaquez		3	1.0	—	—		N	28	N	Attempted to restart Wont restart, Drum Frozen
Al Elliot		5	2.4	—	—	—	N	27.5	Y	Attempted to restart Will not restart
GGU H80		All	—	—	—	—	Y	—	—	2.6 PSI 150°F 2618.0 hrs 1) 0.5 2) 0.5 3) 0.5 4) 0.25
Heater	↓	Unit	106.7	-56	—	—	Y	29.5	Y	
Mudge B12R	2-9-23	1	0.2	—	—	—	N	32.0	N	Attempted to restart System wont Start, Drum Frozen
Mudge A2	2-9-23	2	2.1	-54	—	—	Y	30.5	N	Drum Frozen

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Exhaust Rate (cfm) *if known*	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	3/9/23	1	5.9	-36	-46	-	Y	31.25	Y	
Florance		2	131.3	broken	none	-	Y	24.5	Y	drum valve leaking
Sandoval		1	13.3	Broken	Broken	-	Y	31.0	Y	run time 1041.4 hrs Grabbed gas sample @ 1045
Jaquez		3	-	-	-	-	N	-	N	System not operational
Al Elliot		5	132.0	-8	-10	-	Y	30.25	Y	run time 971.7 hours
GCU H80	↓	All	-	-	-	-	Y	-		2.5 psi 150°F 3334.0 hours 1)0.2 2)0.2 3)1.25 4)0.1
Heaton	3/10/23	unk	113.8	-42	-	-	Y	28.5	Y	
Mudge B12R		1	-	-	-	-	-	-	-	unable to access site
Mudge A2	↓	2	109.1	-52	-	-	Y	31.5	N	water in drum below valve

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	4-6-23	1	5.1	-44	-36	—	Y	30.5	N	Drum Frozen
Florance		2	104.1	Broken	—	—	Y	30.5	Y	Drum leaking From Drain Valve
Sandoval		1	10.5	Broken	Broken	168.2	N	14.3	Y	system restarted after Draining drum
Jaquez		3	142.1	-30	—	334.3	Y	28.75	Y	
AL Ellott		5	110.5	-8	-12	1347.5	Y	30.5	Y	
GC4 H180		All	—	—	—	4005.7	Y	—	—	2.6 psi 160° (1)0.5 (2)0.5 (3)0.5 (4)0.5
Heaton		Unit	122.7	-56	—	—	Y	31.25	Y	
Mudge B 12R		1	204.7	-44	-30	—	Y	29.25	Y	
Mudge A 002		2	96.5	-52	—	—	Y	30.5	Y	

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	5/3/23	1	38.4	-35	-45	-	Y	32	N	water below port
Florance		2	101.9	Broken	-	-	N	33	N	water below port Restarted system. Drain valve still leaking
Sandoval		1	9.6	Broken	Broken	23290	Y	26.5	Y	2329.0 hrs
Jaquez		3	-	-	-	-	N	29	Y	System won't start.
AL Elliott		5	106.2	-8	-11	1951.3	Y	32	Y	1951.3 hrs
GCU H180		All	-	-	-	4510.2	Y	-	-	2.5psi 165° Temp 1)0.5 2)0.5 3)1.0 4)0.5 4510.2 hrs psi
Heaton		UNK	104.3	-53	-	-	Y	Dry	N	
Mudge B12R		1	122.3	-44	-29	-	Y	31.5	Y	
Mudge A002		2	69.3	-59	-	-	N	31	N	water below port. restarted system

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	6/6/23	1	5.5	-44	0	—	Y	Dry	N	
Florence		2	99.6	Broken	—	—	Y	29"	Y	Drum leaking from drain valve
Sandoval		1	7.3	Broken	Broken	3144.4	Y	Below Port	N	3144.4 hrs
Juaquez		3	123.2	-24	—	1606.7	Y	30"	Y	1606.7 hrs
AL Elliott		5	96.8	-8	-11	2683.0	Y	Below Port	N	2683.0 hrs
GCU #180		All	—	—	—	5326.6	Y	—	—	110° 2.4 PSI 1)0.75 2)0.5 5326.6 hrs 3)0.5 4)0.5 PSI
Heaton		Unk	110.5	-54	—	—	Y	Dry	N	Vacuum Pressure guage removed (downstream)
Mudge B12R		1	101.1	-44	-29	—	Y	Dry	N	
Mudge A002	↓	2	171.6	-50	—	—	Y	Below Port	N	

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	7/7/23	1	8.0	-34	-44	—	Y	Dry	N	
Florence	↓	2	64.9	Broken	—	—	Y	Dry	N	
Sandoval		1	5.7	Broken	Broken	3889.3	Y	Dry	N	3889.3 hrs
Jacquez		3	88.7	-24	—	2351.8	Y	Dry	N	2351.8 hrs
AL Elliott		5	92.1	-11	-12	3333.9	Y	Dry	N	3333.9 hrs
GCU H 180		All	—	—	—	6071.9	Y	—	—	175°F 2.4 PSI 6071.9 hrs
Heaton		unk	118.6	-52	—	—	Y	Dry	N	
Mudge B12R		1	99.3	-44	-30	—	Y	Dry	N	
Mudge A002	↓	2	153.3	-50	—	—	Y	Dry	N	

1) 0.5 (3) 0.7
2) 0.5 (4) 0.5

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic	8-9-23	1	7.8	-35	-46	-	Y	Dry	N	
Florence		2	85.2	-3	-	-	Y	Dry	N	
Sandoval		1	7.6	Broken	Broken	4679.6	Y	Dry	N	
Jacquez		3	115.3	-24	-	3137.9	Y	Dry	N	
AL Elliott		5	83.8	-9	-12	4128.0	Y	Dry	N	
GCU H 180		All	-	-	-	6688.3	Y	-	-	165°F 2.5 psi 1. 2.5psi) 2. 2psi) 3. 2.2psi) 4. 2.4psi
Heaton		Unit	104.2	-52	-	-	Y	Dry	N	
Mudge B12R		1	75.9	-44	-30	-	Y	Dry	N	
Mudge A002		2	354.9	-50	-	-	Y	Dry	N	

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	9-7-23	1	1.1	-35	-46	-	Y	Dry	No	
Florance GC J 16		2	26.8	-3	-	-	Y	Dry	No	
Sandoval GC A 1A		3	3.7	Broken	Broken	5375.3	Y	Dry	No	
Jacquez GC B 3E		1	41.1	-24	-	3833.6	Y	Dry	No	
Al Elliot D 002		5	35.6	-10	-12	4771.2	Y	Dry	No	
GCU H180		All	-	-	-	7384.3	Y	-	-	190°F 1) 1.8 psi 2) 0.7 psi 2.5 psi 3) 2.0 psi 4) 1.5 psi #3 A leak can be heard from valve
Heaton LS 5		Unk	81.5	-54	-	-	Y	Dry	No	
Mudge B12 R		1	42.8	-44	-30	-	Y	Dry	No	
Mudge A 002 MV		2	228.6	-51	-	-	Y	Dry	No	

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	10-18-2023	1	201.5	-36	-46	-	Y	31.52	N	Water below drain level
Florance GC J 16		2	156.8	-6	-	-	Y	22.25	Y	Leaking from gasket on drain valve
Sandoval GC A 1A		3	48.6	Broken	0	6358.6	Y	29.5	Y	
Jacquez GC B 3E		1	227.5	-24	-	4817.4	Y	25.5	Y	
Al Elliot D 002		5	93.7	-10	-14	5354.9	Y	29.25	Y	
GCU H180		All	-	-	-	8368.2	Y	-	-	140°F 2.0 PSI 1)0.0 2)0.0 3)0.0 4)0.0
Heaton LS 5		Unk	123.4	-54	-	-	Y	Dry	N	
Mudge B12 R		1	103.6	-45	-30	-	Y	29.75	Y	
Mudge A 002 MV		2	327.2	-52	-	-	Y	Dry	N	

The tubing at Vacuum Station #2 is damaged and rusting

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	11-15-23	1	2.7	-36	-46	-	Y	Dry	N	
Florance GC J 16	11-15-23	2	0.7	-4(inHg)	-	-	N	Dry	N	
Sandoval GC A 1A	11-15-23	3	103.1	-20(kPa)	Broken	6,540	N	22.5	Y	Replaced gauge w/ Hi -30(inHg) / -100(kPa) gauge
Jacquez GC B 3E	11-15-23	1	30.2	-26	-	5,326	Y	20.5	Y	
Al Elliot D 002	11-15-23	5	37.8	-10	-12	5,775	Y	Dry	N	
GCU H180	11-14-23	All	-	-	-	-	N	-	-	Motor sounded rough with clicking sound upon restarting. SVE point leak fixed.
Heaton LS 5	11-14-23	Unk	75.2	-32	-	-	~~N~~ Y JL	Dry	N	
Mudge B12 R	11-14-23	1	35.7	-46	-12	-	Y	21.0	Y	Drum leaking at PVC connection.
Mudge A 002 MV	11-14-23	2	150.1	-40	-	-	Y	Dry	N	

100°F 2.7psi
1) 1.0 2) 1.25
3) 2.5 4) 0.5

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Cottonwood CONSULTING

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H2O")	Vacuum Pressure downstream of drum (H2O")	Run Time (Hours)	System Operational at Arrival?	Drum H2O (inches bTOD)	Drum Drained?	Comments
Atlantic A LS 9A	12/15/23	1	19.3	-40	-50	—	Yes	26	Y	
Florance GC J 16	12/15/23	2	~~4.0~~ DS 60.3	-4.0	—	-	Yes	29	Y	Drum load out leaking from gasket
Sandoval GC A 1A	~~135.8~~ KO 12/15/23	3	135.8	3.0	0	7238.4	Yes	19	Y	
Jacquez GC B 3E	12/15/23	1	1.4	-2	—	Not Readable	Yes	29	Y	
Al Elliot D 002	12/15/23	5	110.3	-10	-10	6268.5	Yes	24.5	Y	
GCU H180	12/14/23	All	-	-	-	8656.4	~~8656.4~~ KO No	-	-	Not Running on arrival. sounds like its not running properly
Heaton LS 5	12/14/23	Unk	101.5	34	-	-	Yes	29	Y	
Mudge B12 R	12/14/23	1	180.6	-40	-10	-	Yes	30	Y	
Mudge A 002 MV	12/15/23	2	108.2	-50	~~-30~~ DS	—	Yes	-	-	Dry

@ 85°F
~~28.0~~ 132.0 according to other psi indicators @ 0.0

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

CONDITIONS

Action 301601

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 301601
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	GCU Com H #180 Groundwater Monitoring Lab Report(s) accepted for the record. All four (4) quarters of 2023. MW-102 sampled on the site using EPA method 8260B, field notes included.	3/28/2024