



SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H ₂ O")	Vacuum Pressure downstream of drum (H ₂ O")	Exhaust Rate (cfm) if known	System Operational at Arrival?	Drum H ₂ O (inches bTOD)	Drum Drained?	Comments
Atlantic ALS 9A	1-10-23	1	11.1	-46	-37	-	Y	26.5	Y	
Florence GJ16	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	3	3	7.4	0.0	Broken	-	N	9	Y	Attempted to restart unit will not turn on
Al Elliot	5	5	165.0	-10	-10	-	Y	27.5	Y	638.8 hours run time
GCU H80		All	-	-	-	-	Y	-	-	2.5 PSI 154°F 1947.1 HRS 100.0 20.0 31.0 410.0
Heaton		unk	106.6	-66	Broken	-	Y	26.5	Y	
Mudge B12R	1/2/23	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.

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 H₂O"- inches water
 cfm- cubic feet per minute
 bTOD- below top of drum

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 Broken	Broken	-	-	N	27	N	Restarted System, System carries when left
Sandoval	↓	1	2 0.4	-	-	-	N	14.25	Y	Attempted to restart Unit restart
Jacquez	↓	3	1.0	-	-	-	N	28	N	Attempted to restart Went restart, Drum Frozen
Al Elliot	↓	5	2.4	-	-	-	N	27.5	Y	Attempted to restart will not restart
GU H80	↓	All	-	-	-	-	Y	-	-	2.6 PSI 150°F 2618.0 hrs 1) 0.5 2) 0.5 3) 0.5 4) 0.25
Heaton	↓	Unk	106.7	-56	-	-	Y	29.5	Y	
Mudge B12R	2-9-23	1	0.2	-	-	-	N	32.0	N	Attempted to restart System won't start, Drum Frozen
Mudge A2	2-9-23	2	2.1	-54	-	-	Y	30.5	N	Drum Frozen

Notes:

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 OVM - Organic Vapor Monitoring
 ppm- parts per million
 H2O"- inches water
 cfm- cubic feet per minute
 bTOD- below top of drum



SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H ₂ O")	Vacuum Pressure downstream of drum (H ₂ O")	Exhaust Rate (cfm) if known	System Operational at Arrival?	Drum H ₂ O (inches bTOD)	Drum Drained?	Comments
Atlantic	3/9/23	1	5.9	-36	-46	-	Y	31.25	Y	
Florence		2	131.3	broken	none	-	Y	24.5	Y	drum valve leaking
Sandoval		1	13.3	Broken	Broken	-	Y	31.0	Y	run time 1041.7 hrs Grabbed gas sample @ 1045
Jacquez		3	-	-	-	-	N	-	N	System not operational
Al Elliot		5	132.0	-8	-10	-	Y	30.25	Y	run time 971.7 hours
GCU H80		A11	-	-	-	-	Y	-		2.5 psi 150°F 3339.0 hours 10.2 20.2 31.25 40.1
Heaton	3/10/23	unk	113.8	-42	-	-	Y	28.5	Y	
Mudge B12E		1	-	-	-	-	-	-	-	unable to access site
Mudge A2		2	109.1	-52	-	-	Y	31.5	N	water in drum below valve

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 H₂O"- inches water
 cfm- cubic feet per minute
 bTOD- below top of drum

SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H ₂ O")	Vacuum Pressure downstream of drum (H ₂ O")	Run Time (Hours)	System Operational at Arrival?	Drum H ₂ O (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	20.5	Y	Drum leaking from Drain Valve
Sandoval		1	10.5	Broken	Broken	1681.2	N	14.3	Y	system restarted after Draining drum
Jaquez		3	142.1	-30	—	334.3	Y	28.75	Y	
AL Elliott		5	110.5	-8	-12	1347.5	Y	30.5	Y	
GC4 H180		411	—	—	—	4005.7	Y	—	—	2.6 ps: 160° (1) 0.5 (2) 0.6 (3) 0.5 (4) 0.5
Henton		unlabeled	122.7	-56	—	—	Y	31.25	Y	
Mudge B12R		1	204.7	-44	-30	—	Y	29.25	Y	
Mudge A002	↓	2	96.5	-52	—	—	Y	30.5	Y	

Notes:

SVE - Soil Vapor Extraction
 OVM - Organic Vapor Monitoring
 ppm- parts per million
 H₂O"- inches water
 cfm- cubic feet per minute
 bTOD- below top of drum

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.
Sandoval		1	9.6	Broken	Broken	2329.0	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 W180		All	-	-	-	4510.2	Y	-	-	2.5 psi 165° Temp 1) 0.5 2) 0.5 3) 1.0 4) 0.5
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.

Notes:

SVE - Soil Vapor Extraction

OVM - Organic Vapor Monitoring

ppm- parts per million

H2O"- inches water

cfm- cubic feet per minute

bTOD- below top of drum

Prain valve
Still leaking4510.2 hrs
psi



SVE Monitoring

Location	Date	SVE Point(s)	Exhaust OVM (ppm)	Vacuum Pressure upstream of drum (H ₂ O")	Vacuum Pressure downstream of drum (H ₂ O")	Run Time (Hours)	System Operational at Arrival?	Drum H ₂ O (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 Elliot +		5	96.8	-8	-11	2683.0	Y	Below Port	N	2683.0 hrs
GCV #180		All	-	-	-	5326.6	Y	-	-	110° 2.4 psi 10.75 20.5 5326.6 hrs 30.5 40.5 psi
Horton		Unk	110.5	-54	-	-	Y	Dry	N	Vacuum Pressure gauge removed (downstream)
Mudge B12R		1	101.1	-44	-29	-	Y	Dry	N	
Mudge A002		2	171.6	-50	-	-	Y	Below Port	N	

Notes:

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 OVM - Organic Vapor Monitoring
 ppm - parts per million
 H₂O" - inches water
 cfm - cubic feet per minute
 bTOD - below top of drum



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

June 30, 2023

Kyle Siesser

Cottonwood Consulting LLC

PO BOX 1653

Durango, CO 81302

TEL: (970) 764-7356

FAX:

RE: Jaquez GC B 003E

OrderNo.: 2306A91

Dear Kyle Siesser:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/21/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2306A91

Date Reported: 6/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cottonwood Consulting LLC

Client Sample ID: SVE

Project: Jaquez GC B 003E

Collection Date: 6/20/2023 3:50:00 PM

Lab ID: 2306A91-001

Matrix: AIR

Received Date: 6/21/2023 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	170	10		µg/L	2	6/22/2023 1:34:11 PM
Surr: BFB	542	15-412	S	%Rec	2	6/22/2023 1:34:11 PM
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Toluene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Ethylbenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2,4-Trimethylbenzene	0.46	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,3,5-Trimethylbenzene	1.6	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2-Dichloroethane (EDC)	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2-Dibromoethane (EDB)	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Naphthalene	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
1-Methylnaphthalene	ND	0.40		µg/L	1	6/23/2023 1:45:00 PM
2-Methylnaphthalene	ND	0.40		µg/L	1	6/23/2023 1:45:00 PM
Acetone	ND	1.0		µg/L	1	6/23/2023 1:45:00 PM
Bromobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Bromodichloromethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Bromoform	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Bromomethane	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
2-Butanone	ND	1.0		µg/L	1	6/23/2023 1:45:00 PM
Carbon disulfide	ND	1.0		µg/L	1	6/23/2023 1:45:00 PM
Carbon tetrachloride	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Chlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Chloroethane	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
Chloroform	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Chloromethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
2-Chlorotoluene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
4-Chlorotoluene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
cis-1,2-DCE	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
cis-1,3-Dichloropropene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2-Dibromo-3-chloropropane	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
Dibromochloromethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Dibromomethane	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
1,2-Dichlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,3-Dichlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,4-Dichlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Dichlorodifluoromethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1-Dichloroethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1-Dichloroethene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.

B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Page 1 of 4

Analytical Report

Lab Order 2306A91

Date Reported: 6/30/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cottonwood Consulting LLC

Client Sample ID: SVE

Project: Jaquez GC B 003E

Collection Date: 6/20/2023 3:50:00 PM

Lab ID: 2306A91-001

Matrix: AIR

Received Date: 6/21/2023 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
1,2-Dichloropropane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,3-Dichloropropane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
2,2-Dichloropropane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1-Dichloropropene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Hexachlorobutadiene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
2-Hexanone	ND	1.0		µg/L	1	6/23/2023 1:45:00 PM
Isopropylbenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
4-Isopropyltoluene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
4-Methyl-2-pentanone	ND	1.0		µg/L	1	6/23/2023 1:45:00 PM
Methylene chloride	ND	0.30		µg/L	1	6/23/2023 1:45:00 PM
n-Butylbenzene	ND	0.30		µg/L	1	6/23/2023 1:45:00 PM
n-Propylbenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
sec-Butylbenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Styrene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
tert-Butylbenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1,1,2-Tetrachloroethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1,2,2-Tetrachloroethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Tetrachloroethene (PCE)	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
trans-1,2-DCE	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
trans-1,3-Dichloropropene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2,3-Trichlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2,4-Trichlorobenzene	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1,1-Trichloroethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,1,2-Trichloroethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Trichloroethene (TCE)	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Trichlorofluoromethane	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
1,2,3-Trichloropropane	ND	0.20		µg/L	1	6/23/2023 1:45:00 PM
Vinyl chloride	ND	0.10		µg/L	1	6/23/2023 1:45:00 PM
Xylenes, Total	2.6	0.15		µg/L	1	6/23/2023 1:45:00 PM
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	6/23/2023 1:45:00 PM
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	6/23/2023 1:45:00 PM
Surr: Toluene-d8	115	70-130		%Rec	1	6/23/2023 1:45:00 PM
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	1	6/23/2023 1:45:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.

B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Page 2 of 4

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306A91

30-Jun-23

Client: Cottonwood Consulting LLC

Project: Jaquez GC B 003E

Sample ID: 2306A91-001adup		SampType: DUP		TestCode: EPA Method 8260B: Volatiles						
Client ID: SVE		Batch ID: R97668		RunNo: 97668						
Prep Date:		Analysis Date: 6/23/2023		SeqNo: 3553206		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.10						0	20	
Toluene	ND	0.10						0	20	
Ethylbenzene	ND	0.10						0	20	
Methyl tert-butyl ether (MTBE)	ND	0.10						0	20	
1,2,4-Trimethylbenzene	0.46	0.10						1.30	20	
1,3,5-Trimethylbenzene	1.6	0.10						1.54	20	
1,2-Dichloroethane (EDC)	ND	0.10						0	20	
1,2-Dibromoethane (EDB)	ND	0.10						0	20	
Naphthalene	ND	0.20						0	20	
1-Methylnaphthalene	ND	0.40						0	20	
2-Methylnaphthalene	ND	0.40						0	20	
Acetone	ND	1.0						0	20	
Bromobenzene	ND	0.10						0	20	
Bromodichloromethane	ND	0.10						0	20	
Bromoform	ND	0.10						0	20	
Bromomethane	ND	0.20						0	20	
2-Butanone	ND	1.0						0	20	
Carbon disulfide	ND	1.0						0	20	
Carbon tetrachloride	ND	0.10						0	20	
Chlorobenzene	ND	0.10						0	20	
Chloroethane	ND	0.20						0	20	
Chloroform	ND	0.10						0	20	
Chloromethane	ND	0.10						0	20	
2-Chlorotoluene	ND	0.10						0	20	
4-Chlorotoluene	ND	0.10						0	20	
cis-1,2-DCE	ND	0.10						0	20	
cis-1,3-Dichloropropene	ND	0.10						0	20	
1,2-Dibromo-3-chloropropane	ND	0.20						0	20	
Dibromochloromethane	ND	0.10						0	20	
Dibromomethane	ND	0.20						0	20	
1,2-Dichlorobenzene	ND	0.10						0	20	
1,3-Dichlorobenzene	ND	0.10						0	20	
1,4-Dichlorobenzene	ND	0.10						0	20	
Dichlorodifluoromethane	ND	0.10						0	20	
1,1-Dichloroethane	ND	0.10						0	20	
1,1-Dichloroethene	ND	0.10						0	20	
1,2-Dichloropropane	ND	0.10						0	20	
1,3-Dichloropropane	ND	0.10						0	20	
2,2-Dichloropropane	ND	0.10						0	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 3 of 4

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306A91

30-Jun-23

Client: Cottonwood Consulting LLC**Project:** Jaquez GC B 003E

Sample ID: 2306A91-001adup		SampType: DUP		TestCode: EPA Method 8260B: Volatiles						
Client ID: SVE		Batch ID: R97668		RunNo: 97668						
Prep Date:		Analysis Date: 6/23/2023		SeqNo: 3553206		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.10						0	20	
Hexachlorobutadiene	ND	0.10						0	20	
2-Hexanone	ND	1.0						0	20	
Isopropylbenzene	ND	0.10						0	20	
4-Isopropyltoluene	ND	0.10						0	20	
4-Methyl-2-pentanone	ND	1.0						0	20	
Methylene chloride	ND	0.30						0	20	
n-Butylbenzene	ND	0.30						0	20	
n-Propylbenzene	ND	0.10						0	20	
sec-Butylbenzene	ND	0.10						0	20	
Styrene	ND	0.10						0	20	
tert-Butylbenzene	ND	0.10						0	20	
1,1,1,2-Tetrachloroethane	ND	0.10						0	20	
1,1,2,2-Tetrachloroethane	ND	0.10						0	20	
Tetrachloroethene (PCE)	ND	0.10						0	20	
trans-1,2-DCE	ND	0.10						0	20	
trans-1,3-Dichloropropene	ND	0.10						0	20	
1,2,3-Trichlorobenzene	ND	0.10						0	20	
1,2,4-Trichlorobenzene	ND	0.10						0	20	
1,1,1-Trichloroethane	ND	0.10						0	20	
1,1,2-Trichloroethane	ND	0.10						0	20	
Trichloroethene (TCE)	ND	0.10						0	20	
Trichlorofluoromethane	ND	0.10						0	20	
1,2,3-Trichloropropane	ND	0.20						0	20	
Vinyl chloride	ND	0.10						0	20	
Xylenes, Total	2.6	0.15						0.575	20	
Surr: Dibromofluoromethane	0.99		1.000		99.1	70	130	0	0	
Surr: 1,2-Dichloroethane-d4	0.95		1.000		94.8	70	130	0	0	
Surr: Toluene-d8	1.2		1.000		116	70	130	0	0	
Surr: 4-Bromofluorobenzene	1.2		1.000		120	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 4 of 4



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

Sample Log-In Check List

Client Name: Cottonwood Consulting LLC

Work Order Number: 2306A91

RcptNo: 1

Received By: Tracy Casarrubias 6/21/2023 6:50:00 AM

Completed By: Tracy Casarrubias 6/21/2023 9:55:48 AM

Reviewed By: *ju 6/21/23*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☐ NA ☒
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *SCM 06/21/23*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	N/A	Good	Yes			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 247754

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 247754
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	10/2/2023