

Chevron - CO

Sample Delivery Group: L1877806
Samples Received: 07/11/2025
Project Number: CO23-304
Description: Bockius 15-01,8,Pfannebecker C14-32D
Site: 28820
Report To: Paul H.
2115 117th Avenue
Greeley, CO 80631

Entire Report Reviewed By:



Chris Ward
Project Manager

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Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

MW-1 L1877806-01

Collected by
Jordan Suttles

Collected date/time
07/10/25 14:30

Received date/time
07/11/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2560409	1	07/16/25 12:18	07/16/25 17:55	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	5	07/15/25 18:59	07/15/25 18:59	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	50	07/15/25 19:13	07/15/25 19:13	AJC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2558297	1	07/12/25 14:31	07/12/25 14:31	JAH	Mt. Juliet, TN

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

MW-2 L1877806-02

Collected by
Jordan Suttles

Collected date/time
07/10/25 14:45

Received date/time
07/11/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2560409	1	07/16/25 12:18	07/16/25 17:55	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	10	07/15/25 19:26	07/15/25 19:26	AJC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2558297	1	07/12/25 14:50	07/12/25 14:50	JAH	Mt. Juliet, TN

MW-3 L1877806-03

Collected by
Jordan Suttles

Collected date/time
07/10/25 15:00

Received date/time
07/11/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2560409	1	07/16/25 12:18	07/16/25 17:55	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	20	07/15/25 19:53	07/15/25 19:53	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	5	07/15/25 19:40	07/15/25 19:40	AJC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2558297	1	07/12/25 15:10	07/12/25 15:10	JAH	Mt. Juliet, TN

MW-4 L1877806-04

Collected by
Jordan Suttles

Collected date/time
07/10/25 15:15

Received date/time
07/11/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2560409	1	07/16/25 12:18	07/16/25 17:55	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	10	07/15/25 20:07	07/15/25 20:07	AJC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2558297	1	07/12/25 15:30	07/12/25 15:30	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2559931	5	07/15/25 16:39	07/15/25 16:39	ADM	Mt. Juliet, TN

MW-5 L1877806-05

Collected by
Jordan Suttles

Collected date/time
07/10/25 15:30

Received date/time
07/11/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2560409	1	07/16/25 12:18	07/16/25 17:55	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2557551	10	07/15/25 20:20	07/15/25 20:20	AJC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2558297	1	07/12/25 15:49	07/12/25 15:49	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2559931	1	07/15/25 16:17	07/15/25 16:17	ADM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris Ward
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	2620		50.0	1	07/16/2025 17:55	WG2560409

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	367		5.00	5	07/15/2025 18:59	WG2557551
Sulfate	1090		250	50	07/15/2025 19:13	WG2557551

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	88.0		1.00	1	07/12/2025 14:31	WG2558297
Toluene	ND		1.00	1	07/12/2025 14:31	WG2558297
Ethylbenzene	4.40		1.00	1	07/12/2025 14:31	WG2558297
Xylenes, Total	ND		3.00	1	07/12/2025 14:31	WG2558297
Naphthalene	ND		5.00	1	07/12/2025 14:31	WG2558297
1,2,4-Trimethylbenzene	ND		1.00	1	07/12/2025 14:31	WG2558297
1,3,5-Trimethylbenzene	ND		1.00	1	07/12/2025 14:31	WG2558297
(S) Toluene-d8	96.9		80.0-120		07/12/2025 14:31	WG2558297
(S) 4-Bromofluorobenzene	94.8		77.0-126		07/12/2025 14:31	WG2558297
(S) 1,2-Dichloroethane-d4	98.6		70.0-130		07/12/2025 14:31	WG2558297

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1930		50.0	1	07/16/2025 17:55	WG2560409

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	343		10.0	10	07/15/2025 19:26	WG2557551
Sulfate	650		50.0	10	07/15/2025 19:26	WG2557551

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2025 14:50	WG2558297
Toluene	ND		1.00	1	07/12/2025 14:50	WG2558297
Ethylbenzene	ND		1.00	1	07/12/2025 14:50	WG2558297
Xylenes, Total	ND		3.00	1	07/12/2025 14:50	WG2558297
Naphthalene	ND		5.00	1	07/12/2025 14:50	WG2558297
1,2,4-Trimethylbenzene	ND		1.00	1	07/12/2025 14:50	WG2558297
1,3,5-Trimethylbenzene	ND		1.00	1	07/12/2025 14:50	WG2558297
(S) Toluene-d8	96.8		80.0-120		07/12/2025 14:50	WG2558297
(S) 4-Bromofluorobenzene	92.9		77.0-126		07/12/2025 14:50	WG2558297
(S) 1,2-Dichloroethane-d4	103		70.0-130		07/12/2025 14:50	WG2558297

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	2010		50.0	1	07/16/2025 17:55	WG2560409

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	296		5.00	5	07/15/2025 19:40	WG2557551
Sulfate	719		100	20	07/15/2025 19:53	WG2557551

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	8.68		1.00	1	07/12/2025 15:10	WG2558297
Toluene	ND		1.00	1	07/12/2025 15:10	WG2558297
Ethylbenzene	1.45		1.00	1	07/12/2025 15:10	WG2558297
Xylenes, Total	ND		3.00	1	07/12/2025 15:10	WG2558297
Naphthalene	ND		5.00	1	07/12/2025 15:10	WG2558297
1,2,4-Trimethylbenzene	ND		1.00	1	07/12/2025 15:10	WG2558297
1,3,5-Trimethylbenzene	ND		1.00	1	07/12/2025 15:10	WG2558297
(S) Toluene-d8	94.7		80.0-120		07/12/2025 15:10	WG2558297
(S) 4-Bromofluorobenzene	95.5		77.0-126		07/12/2025 15:10	WG2558297
(S) 1,2-Dichloroethane-d4	104		70.0-130		07/12/2025 15:10	WG2558297

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1990		50.0	1	07/16/2025 17:55	WG2560409

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	352		10.0	10	07/15/2025 20:07	WG2557551
Sulfate	617		50.0	10	07/15/2025 20:07	WG2557551

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2025 15:30	WG2558297
Toluene	ND		1.00	1	07/12/2025 15:30	WG2558297
Ethylbenzene	88.0		1.00	1	07/12/2025 15:30	WG2558297
Xylenes, Total	ND		3.00	1	07/12/2025 15:30	WG2558297
Naphthalene	17.3		5.00	1	07/12/2025 15:30	WG2558297
1,2,4-Trimethylbenzene	89.6		5.00	5	07/15/2025 16:39	WG2559931
1,3,5-Trimethylbenzene	ND		1.00	1	07/12/2025 15:30	WG2558297
(S) Toluene-d8	86.9		80.0-120		07/12/2025 15:30	WG2558297
(S) Toluene-d8	95.5		80.0-120		07/15/2025 16:39	WG2559931
(S) 4-Bromofluorobenzene	81.2		77.0-126		07/12/2025 15:30	WG2558297
(S) 4-Bromofluorobenzene	80.9		77.0-126		07/15/2025 16:39	WG2559931
(S) 1,2-Dichloroethane-d4	97.4		70.0-130		07/12/2025 15:30	WG2558297
(S) 1,2-Dichloroethane-d4	101		70.0-130		07/15/2025 16:39	WG2559931

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1880		50.0	1	07/16/2025 17:55	WG2560409

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	269		10.0	10	07/15/2025 20:20	WG2557551
Sulfate	781		50.0	10	07/15/2025 20:20	WG2557551

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2025 15:49	WG2558297
Toluene	ND		1.00	1	07/12/2025 15:49	WG2558297
Ethylbenzene	ND		1.00	1	07/12/2025 15:49	WG2558297
Xylenes, Total	ND		3.00	1	07/12/2025 15:49	WG2558297
Naphthalene	ND		5.00	1	07/12/2025 15:49	WG2558297
1,2,4-Trimethylbenzene	ND		1.00	1	07/15/2025 16:17	WG2559931
1,3,5-Trimethylbenzene	ND		1.00	1	07/12/2025 15:49	WG2558297
(S) Toluene-d8	97.9		80.0-120		07/12/2025 15:49	WG2558297
(S) Toluene-d8	104		80.0-120		07/15/2025 16:17	WG2559931
(S) 4-Bromofluorobenzene	98.3		77.0-126		07/12/2025 15:49	WG2558297
(S) 4-Bromofluorobenzene	82.0		77.0-126		07/15/2025 16:17	WG2559931
(S) 1,2-Dichloroethane-d4	103		70.0-130		07/12/2025 15:49	WG2558297
(S) 1,2-Dichloroethane-d4	99.9		70.0-130		07/15/2025 16:17	WG2559931

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4248008-1 07/16/25 17:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Dissolved Solids	U		10.0	10.0

¹Cp

²Tc

³Ss

L1877555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877555-01 07/16/25 17:55 • (DUP) R4248008-3 07/16/25 17:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	14100	14200	1	1.13		10

⁴Cn

⁵Sr

L1878124-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1878124-09 07/16/25 17:55 • (DUP) R4248008-4 07/16/25 17:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	14300	14600	1	1.94		10

⁶Qc

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R4248008-2 07/16/25 17:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Dissolved Solids	8800	8750	99.4	90.0-110	

⁹Sc

Method Blank (MB)

(MB) R4245779-1 07/15/25 12:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	0.682	↓	0.547	1.00
Sulfate	U		0.637	5.00

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1877160-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1877160-18 07/15/25 13:22 • (DUP) R4245779-3 07/15/25 13:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Sulfate	79.1	78.5	1	0.738		15

L1877160-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1877160-18 07/15/25 14:16 • (DUP) R4245779-6 07/15/25 14:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	281	278	5	0.885		15

L1877469-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877469-01 07/15/25 14:43 • (DUP) R4245779-7 07/15/25 14:56

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	2.78	2.67	1	4.15		15
Sulfate	12.3	12.2	1	0.881		15

Laboratory Control Sample (LCS)

(LCS) R4245779-2 07/15/25 13:08

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.5	101	80.0-120	
Sulfate	40.0	40.7	102	80.0-120	

L1877160-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877160-18 07/15/25 13:22 • (MS) R4245779-4 07/15/25 13:49 • (MSD) R4245779-5 07/15/25 14:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	296	261	263	0.000	0.000	1	80.0-120	<u>EV</u>	<u>EV</u>	0.944	15
Sulfate	40.0	79.1	98.1	98.9	47.5	49.4	1	80.0-120	<u>J6</u>	<u>J6</u>	0.793	15

L1877469-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1877469-01 07/15/25 14:43 • (MS) R4245779-8 07/15/25 15:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	2.78	40.5	94.2	1	80.0-120	
Sulfate	40.0	12.3	50.4	95.3	1	80.0-120	

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4245150-3 07/12/25 11:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
Naphthalene	U		1.00	5.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	99.5			80.0-120
(S) 4-Bromofluorobenzene	95.9			77.0-126
(S) 1,2-Dichloroethane-d4	101			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4245150-1 07/12/25 10:41 • (LCSD) R4245150-2 07/12/25 11:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	5.99	6.00	120	120	70.0-123			0.167	20
Toluene	5.00	5.48	5.76	110	115	79.0-120			4.98	20
Ethylbenzene	5.00	5.23	5.29	105	106	79.0-123			1.14	20
Xylenes, Total	15.0	15.5	15.6	103	104	79.0-123			0.643	20
Naphthalene	5.00	4.61	4.80	92.2	96.0	54.0-135			4.04	20
1,2,4-Trimethylbenzene	5.00	4.89	5.00	97.8	100	76.0-121			2.22	20
1,3,5-Trimethylbenzene	5.00	5.17	5.34	103	107	76.0-122			3.24	20
(S) Toluene-d8				97.8	97.9	80.0-120				
(S) 4-Bromofluorobenzene				96.0	98.0	77.0-126				
(S) 1,2-Dichloroethane-d4				104	103	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4245765-3 07/15/25 11:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
1,2,4-Trimethylbenzene	U		0.322	1.00
(S) Toluene-d8	97.4			80.0-120
(S) 4-Bromofluorobenzene	81.6			77.0-126
(S) 1,2-Dichloroethane-d4	97.9			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4245765-1 07/15/25 10:32 • (LCSD) R4245765-2 07/15/25 10:53

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
1,2,4-Trimethylbenzene	5.00	4.42	4.77	88.4	95.4	76.0-121			7.62	20
(S) Toluene-d8				97.6	98.1	80.0-120				
(S) 4-Bromofluorobenzene				86.4	83.1	77.0-126				
(S) 1,2-Dichloroethane-d4				97.8	95.6	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

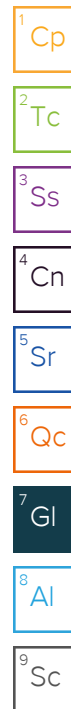
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

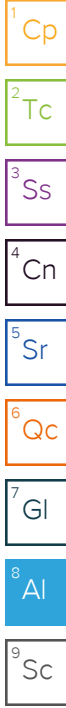
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: Chevron - CO 2115 117th Avenue Greeley, CO 80631		Billing Information: Dan Peterson 2115 117th Avenue Greeley, CO 80631		Pres Chk	Analysis / Container / Preservative					Chain of Custody Page <u>1</u> of <u>1</u>
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Report to: Dan Peterson 970-304-5000		Email To: danpeterson@chevron.com;paulh@fremontenv			
Project Description: Bockius 15-01, 8, Pffannebecker C14-32D		City/State Collected: CO	Please Circle: PT <input type="checkbox"/> MT <input checked="" type="checkbox"/> CT ET		

Regulatory Program(DOD,RCRA,DW,etc):	Client Project # CO23-304	Lab Project # CHEGCO-FREMONT
Collected by (print): Jordan Suttles	Site/Facility ID # 28820	P.O. #
Collected by (signature):	Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input checked="" type="checkbox"/> STD TAT	Quote # Date Results Needed
Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>		No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	915 Water Cl,SO4 125mlHDPE-NoPres	Diss As,Ba,Pb,Se 250mlHDPE-NoPres	PAHSIMLVI 40mlAmb-NoPres-WT	Table 915 Water TDS 1L-HDPE NoPres	Table 915 Water VOCs 40mlAmb-HCl	Full Table 915-1GW
MW-1	Grab	GW		7/10/25	14:30	5						X
MW-2	↓	↓		↓	14:45	5						X
MW-3	↓	↓		↓	15:00	5						X
MW-4	↓	↓		↓	15:15	5						X
MW-5	↓	↓		↓	15:30	5						X

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **L1877806**
M159

Acctnum: **CHEGCO**
Template: **T268717**
Prelogin: **P1132647**
PM: **824 - Chris Ward**
PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other	Remarks:	pH _____ Temp _____ Flow _____ Other _____	Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Tracking # SWA		

Relinquished by: (Signature) <i>Jordan Suttles</i>	Date: 7/10/25	Time: 16:00	Received by: (Signature) <i>[Signature]</i>	Trip Blank Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> HCL / MeOH TBR
Relinquished by: (Signature) <i>[Signature]</i>	Date: 07/10/25	Time: 1800	Received by: (Signature) <i>SWA</i>	Temp: 26.99 °C Bottles Received: 25 1.9+0.4=2.3
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>Elyse Wilson</i>	Date: 07/11/25 Time: 0900 Hold: Condition: NCF / OK