

Chevron - CO

Sample Delivery Group: L1858126
Samples Received: 05/13/2025
Project Number:
Description: UPRC 35-6 WH

Report To: CDH Team
2115 117th Avenue
Greeley, CO 80631

Entire Report Reviewed By:



Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

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

TABLE OF CONTENTS

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	5	
Sr: Sample Results	6	
BKG01@4' L1858126-01	6	
BKG01@8' L1858126-02	7	
BKG02@4' L1858126-03	8	
BKG02@8' L1858126-04	9	
BKG03@4' L1858126-05	10	
BKG03@8' L1858126-06	11	
BKG02-GW L1858126-07	12	
BKG03-GW L1858126-08	13	
Qc: Quality Control Summary	14	
Gravimetric Analysis by Method 2540 C-2011	14	
Wet Chemistry by Method 7199	15	
Wet Chemistry by Method 9045D	16	
Wet Chemistry by Method 9050AMod	18	
Wet Chemistry by Method 9056A	20	
Metals (ICP) by Method 6010B-NE493 Ch 2	22	
Metals (ICPMS) by Method 6020	24	
Gl: Glossary of Terms	27	
Al: Accreditations & Locations	28	
Sc: Sample Chain of Custody	29	

SAMPLE SUMMARY

BKG01@4' L1858126-01

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:25
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516566	1	05/19/25 14:31	05/19/25 14:31	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 16:52	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518183	1	05/19/25 09:22	05/19/25 14:36	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518189	1	05/19/25 09:27	05/20/25 09:11	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516575	1	05/18/25 12:21	05/19/25 12:46	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515082	5	05/19/25 22:18	05/20/25 22:55	LD	Mt. Juliet, TN



BKG01@8' L1858126-02

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:30
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516566	1	05/19/25 14:33	05/19/25 14:33	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 17:01	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518183	1	05/19/25 09:22	05/19/25 14:36	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518189	1	05/19/25 09:27	05/20/25 09:11	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516575	1	05/18/25 12:21	05/19/25 12:48	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515082	5	05/19/25 22:18	05/20/25 22:58	LD	Mt. Juliet, TN

BKG02@4' L1858126-03

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:35
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516566	1	05/19/25 14:36	05/19/25 14:36	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 17:19	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518183	1	05/19/25 09:22	05/19/25 14:36	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518189	1	05/19/25 09:27	05/20/25 09:11	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516575	1	05/18/25 12:21	05/19/25 12:49	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515082	5	05/19/25 22:18	05/20/25 23:01	LD	Mt. Juliet, TN

BKG02@8' L1858126-04

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:40
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516569	1	05/19/25 11:23	05/19/25 11:23	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 17:28	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518496	1	05/20/25 12:20	05/20/25 14:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518498	1	05/20/25 12:23	05/20/25 17:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516572	1	05/18/25 12:09	05/20/25 09:25	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515082	5	05/19/25 22:18	05/20/25 23:04	LD	Mt. Juliet, TN

BKG03@4' L1858126-05

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:45
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516566	1	05/19/25 14:39	05/19/25 14:39	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 17:37	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518183	1	05/19/25 09:22	05/19/25 14:36	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518189	1	05/19/25 09:27	05/20/25 09:11	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516575	1	05/18/25 12:21	05/19/25 12:51	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515082	5	05/19/25 22:18	05/20/25 23:07	LD	Mt. Juliet, TN

SAMPLE SUMMARY

BKG03@8' L1858126-06

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 13:50
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2516566	1	05/19/25 14:41	05/19/25 14:41	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2514308	1	05/19/25 11:23	05/20/25 17:46	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2518183	1	05/19/25 09:22	05/19/25 14:36	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2518189	1	05/19/25 09:27	05/20/25 09:11	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2516575	1	05/18/25 12:21	05/19/25 12:53	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2515412	5	05/19/25 22:21	05/20/25 11:54	SJM	Mt. Juliet, TN

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

BKG02-GW L1858126-07

Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 14:20
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2514286	1	05/14/25 08:41	05/14/25 08:42	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2514074	10	05/18/25 08:04	05/18/25 08:04	DLH	Mt. Juliet, TN

- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al

BKG03-GW L1858126-08

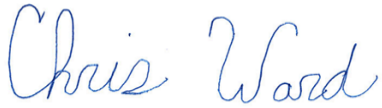
Collected by: Ryan Jedrzejak
 Collected date/time: 05/12/25 14:30
 Received date/time: 05/13/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2514286	1	05/14/25 08:41	05/14/25 08:42	AMG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2514074	5	05/18/25 08:56	05/18/25 08:56	DLH	Mt. Juliet, TN

- 9 Sc

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

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.74		1	05/19/2025 14:31	WG2516566

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

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 16:52	WG2514308

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.90		1	05/19/2025 14:36	WG2518183

Sample Narrative:

L1858126-01 WG2518183: 7.9 at 23.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.737	mmhos/cm		0.0100	1	05/20/2025 09:11	WG2518189

Sample Narrative:

L1858126-01 WG2518189: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/19/2025 12:46	WG2516575

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.05		0.100	5	05/20/2025 22:55	WG2515082
Barium	35.7		10.0	5	05/20/2025 22:55	WG2515082
Cadmium	ND		0.100	5	05/20/2025 22:55	WG2515082
Copper	ND		10.0	5	05/20/2025 22:55	WG2515082
Lead	ND		10.0	5	05/20/2025 22:55	WG2515082
Nickel	ND		10.0	5	05/20/2025 22:55	WG2515082
Selenium	ND		0.100	5	05/20/2025 22:55	WG2515082
Silver	ND		0.500	5	05/20/2025 22:55	WG2515082
Zinc	ND		50.0	5	05/20/2025 22:55	WG2515082

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.55		1	05/19/2025 14:33	WG2516566

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

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 17:01	WG2514308

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.08		1	05/19/2025 14:36	WG2518183

Sample Narrative:

L1858126-02 WG2518183: 8.08 at 23.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.299	mmhos/cm		0.0100	1	05/20/2025 09:11	WG2518189

Sample Narrative:

L1858126-02 WG2518189: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/19/2025 12:48	WG2516575

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.940		0.100	5	05/20/2025 22:58	WG2515082
Barium	30.1		10.0	5	05/20/2025 22:58	WG2515082
Cadmium	ND		0.100	5	05/20/2025 22:58	WG2515082
Copper	ND		10.0	5	05/20/2025 22:58	WG2515082
Lead	ND		10.0	5	05/20/2025 22:58	WG2515082
Nickel	ND		10.0	5	05/20/2025 22:58	WG2515082
Selenium	ND		0.100	5	05/20/2025 22:58	WG2515082
Silver	ND		0.500	5	05/20/2025 22:58	WG2515082
Zinc	ND		50.0	5	05/20/2025 22:58	WG2515082

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.36		1	05/19/2025 14:36	WG2516566

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 17:19	WG2514308

- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.27		1	05/19/2025 14:36	WG2518183

Sample Narrative:

L1858126-03 WG2518183: 8.27 at 23.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.324	mmhos/cm		0.0100	1	05/20/2025 09:11	WG2518189

Sample Narrative:

L1858126-03 WG2518189: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/19/2025 12:49	WG2516575

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.02		0.100	5	05/20/2025 23:01	WG2515082
Barium	34.3		10.0	5	05/20/2025 23:01	WG2515082
Cadmium	ND		0.100	5	05/20/2025 23:01	WG2515082
Copper	ND		10.0	5	05/20/2025 23:01	WG2515082
Lead	ND		10.0	5	05/20/2025 23:01	WG2515082
Nickel	ND		10.0	5	05/20/2025 23:01	WG2515082
Selenium	ND		0.100	5	05/20/2025 23:01	WG2515082
Silver	ND		0.500	5	05/20/2025 23:01	WG2515082
Zinc	ND		50.0	5	05/20/2025 23:01	WG2515082

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.89		1	05/19/2025 11:23	WG2516569

1 Cp

2 Tc

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 17:28	WG2514308

3 Ss

4 Cn

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.78		1	05/20/2025 14:00	WG2518496

5 Sr

6 Qc

Sample Narrative:

L1858126-04 WG2518496: 7.78 at 23.8C

7 Gl

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.270	mmhos/cm		0.0100	1	05/20/2025 17:10	WG2518498

8 Al

9 Sc

Sample Narrative:

L1858126-04 WG2518498: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/20/2025 09:25	WG2516572

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.746		0.100	5	05/20/2025 23:04	WG2515082
Barium	17.6		10.0	5	05/20/2025 23:04	WG2515082
Cadmium	ND		0.100	5	05/20/2025 23:04	WG2515082
Copper	ND		10.0	5	05/20/2025 23:04	WG2515082
Lead	ND		10.0	5	05/20/2025 23:04	WG2515082
Nickel	ND		10.0	5	05/20/2025 23:04	WG2515082
Selenium	ND		0.100	5	05/20/2025 23:04	WG2515082
Silver	ND		0.500	5	05/20/2025 23:04	WG2515082
Zinc	ND		50.0	5	05/20/2025 23:04	WG2515082

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.70		1	05/19/2025 14:39	WG2516566

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 17:37	WG2514308

- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.79		1	05/19/2025 14:36	WG2518183

Sample Narrative:

L1858126-05 WG2518183: 7.79 at 23.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.580	mmhos/cm		0.0100	1	05/20/2025 09:11	WG2518189

Sample Narrative:

L1858126-05 WG2518189: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.200		0.200	1	05/19/2025 12:51	WG2516575

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.29		0.100	5	05/20/2025 23:07	WG2515082
Barium	53.0		10.0	5	05/20/2025 23:07	WG2515082
Cadmium	ND		0.100	5	05/20/2025 23:07	WG2515082
Copper	ND		10.0	5	05/20/2025 23:07	WG2515082
Lead	ND		10.0	5	05/20/2025 23:07	WG2515082
Nickel	ND		10.0	5	05/20/2025 23:07	WG2515082
Selenium	ND		0.100	5	05/20/2025 23:07	WG2515082
Silver	ND		0.500	5	05/20/2025 23:07	WG2515082
Zinc	ND		50.0	5	05/20/2025 23:07	WG2515082

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.32		1	05/19/2025 14:41	WG2516566

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.300	1	05/20/2025 17:46	WG2514308

- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.38		1	05/19/2025 14:36	WG2518183

Sample Narrative:

L1858126-06 WG2518183: 8.38 at 23.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.253	mmhos/cm		0.0100	1	05/20/2025 09:11	WG2518189

Sample Narrative:

L1858126-06 WG2518189: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/19/2025 12:53	WG2516575

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.04		0.200	5	05/20/2025 11:54	WG2515412
Barium	48.1		10.0	5	05/20/2025 11:54	WG2515412
Cadmium	ND		0.200	5	05/20/2025 11:54	WG2515412
Copper	ND		10.0	5	05/20/2025 11:54	WG2515412
Lead	ND		10.0	5	05/20/2025 11:54	WG2515412
Nickel	ND		10.0	5	05/20/2025 11:54	WG2515412
Selenium	0.247		0.200	5	05/20/2025 11:54	WG2515412
Silver	ND		0.500	5	05/20/2025 11:54	WG2515412
Zinc	ND		50.0	5	05/20/2025 11:54	WG2515412

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	2590		100	1	05/14/2025 08:42	WG2514286

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	606		10.0	10	05/18/2025 08:04	WG2514074
Sulfate	576		50.0	10	05/18/2025 08:04	WG2514074

- 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	2380		200	1	05/14/2025 08:42	WG2514286

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	401		5.00	5	05/18/2025 08:56	WG2514074
Sulfate	338		25.0	5	05/18/2025 08:56	WG2514074

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

Method Blank (MB)

(MB) R4216393-1 05/14/25 08:42

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

1 Cp

2 Tc

3 Ss

L1858101-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858101-01 05/14/25 08:42 • (DUP) R4216393-3 05/14/25 08:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	883	893	1	1.20		10

4 Cn

5 Sr

L1858182-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1858182-04 05/14/25 08:42 • (DUP) R4216393-4 05/14/25 08:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	5200	5230	1	0.575		10

6 Qc

7 Gl

8 Al

Laboratory Control Sample (LCS)

(LCS) R4216393-2 05/14/25 08:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Dissolved Solids	8800	8490	96.5	90.0-110	

9 Sc

Method Blank (MB)

(MB) R4217709-1 05/20/25 14:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.300	0.300

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1858116-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858116-01 05/20/25 14:55 • (DUP) R4217709-3 05/20/25 15:04

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	1	0.000		20

L1858126-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1858126-02 05/20/25 17:01 • (DUP) R4217709-8 05/20/25 17:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4217709-2 05/20/25 14:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	10.3	103	80.0-120	

L1858116-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858116-03 05/20/25 15:22 • (MS) R4217709-4 05/20/25 15:31 • (MSD) R4217709-5 05/20/25 15:40

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	20.0	ND	20.1	20.1	101	100	1	75.0-125			0.174	20

L1858116-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1858116-03 05/20/25 15:22 • (MS) R4217709-6 05/20/25 15:49

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	648	ND	570	88.0	50	75.0-125	

L1855146-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1855146-03 05/19/25 14:36 • (DUP) R4216943-2 05/19/25 14:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
pH	8.66	8.70	1	0.461		1

Sample Narrative:

OS: 8.66 at 23.6C

DUP: 8.7 at 23.5C

L1858165-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1858165-21 05/19/25 14:36 • (DUP) R4216943-3 05/19/25 14:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
pH	8.57	8.61	1	0.466		1

Sample Narrative:

OS: 8.57 at 23.9C

DUP: 8.61 at 23.7C

Laboratory Control Sample (LCS)

(LCS) R4216943-1 05/19/25 14:36

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
pH	10.0	10.0	100	99.0-101	

Sample Narrative:

LCS: 10 at 23C



L1858090-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858090-01 05/20/25 14:00 • (DUP) R4217511-2 05/20/25 14:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.42	7.40	1	0.270		1

Sample Narrative:

OS: 7.42 at 23.7C

DUP: 7.4 at 23.6C

L1858161-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858161-01 05/20/25 14:00 • (DUP) R4217511-3 05/20/25 14:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	pH	su		%		%
pH	8.32	8.31	1	0.120		1

Sample Narrative:

OS: 8.32 at 23.3C

DUP: 8.31 at 23.3C

Laboratory Control Sample (LCS)

(LCS) R4217511-1 05/20/25 14:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.96	99.6	99.0-101	

Sample Narrative:

LCS: 9.96 at 24.1C



Method Blank (MB)

(MB) R4217257-1 05/20/25 09:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	U		0.0100	0.0100

Sample Narrative:

BLANK: at 25C

L1858126-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1858126-01 05/20/25 09:11 • (DUP) R4217257-3 05/20/25 09:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.739	1	0.271		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1858165-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1858165-20 05/20/25 09:11 • (DUP) R4217257-4 05/20/25 09:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.246	1	0.122		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4217257-2 05/20/25 09:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.591	102	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4217669-1 05/20/25 17:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	U		0.0100	0.0100

Sample Narrative:

BLANK: at 25C

L1858090-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1858090-02 05/20/25 17:10 • (DUP) R4217669-3 05/20/25 17:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.0985	0.0987	1	0.203		20

Sample Narrative:

OS: at 25C
DUP: at 25C

L1858150-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1858150-09 05/20/25 17:10 • (DUP) R4217669-4 05/20/25 17:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.894	0.895	1	0.112		20

Sample Narrative:

OS: at 25C
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4217669-2 05/20/25 17:10

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.568	97.8	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4216383-1 05/17/25 23:44

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1858095-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1858095-08 05/18/25 00:10 • (DUP) R4216383-3 05/18/25 00:23

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	11.3	11.4	1	0.214		15
Sulfate	ND	ND	1	8.08		15

L1858095-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1858095-09 05/18/25 01:01 • (DUP) R4216383-6 05/18/25 01:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	65.9	65.4	1	0.715		15
Sulfate	27.1	27.0	1	0.427		15

Laboratory Control Sample (LCS)

(LCS) R4216383-2 05/17/25 23:57

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	37.8	94.4	80.0-120	
Sulfate	40.0	38.5	96.2	80.0-120	

L1858095-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858095-08 05/18/25 00:10 • (MS) R4216383-4 05/18/25 00:36 • (MSD) R4216383-5 05/18/25 00:48

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	11.3	47.9	48.1	91.5	91.8	1	80.0-120			0.247	15
Sulfate	40.0	ND	39.8	39.8	96.4	96.4	1	80.0-120			0.00402	15

L1858095-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1858095-09 05/18/25 01:01 • (MS) R4216383-7 05/18/25 01:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chloride	40.0	65.9	91.4	63.8	1	80.0-120	J6
Sulfate	40.0	27.1	62.1	87.7	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) R4217481-1 05/20/25 09:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0167	0.200

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

(LCS) R4217481-2 05/20/25 09:20 • (LCSD) R4217481-3 05/20/25 09:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.11	1.10	111	110	80.0-120			0.834	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4216869-1 05/19/25 12:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0167	0.200

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

(LCS) R4216869-2 05/19/25 12:41 • (LCSD) R4216869-3 05/19/25 12:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.999	1.01	99.9	101	80.0-120			1.14	20

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

Method Blank (MB)

(MB) R4217754-2 05/20/25 22:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	0.100
Barium	U		10.0	10.0
Cadmium	U		0.100	0.100
Copper	U		10.0	10.0
Lead	U		10.0	10.0
Nickel	U		10.0	10.0
Selenium	U		0.100	0.100
Silver	U		0.500	0.500
Zinc	U		50.0	50.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4217754-3 05/20/25 22:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	99.6	99.6	80.0-120	
Barium	100	97.6	97.6	80.0-120	
Cadmium	100	101	101	80.0-120	
Copper	100	95.5	95.5	80.0-120	
Lead	100	96.1	96.1	80.0-120	
Nickel	100	104	104	80.0-120	
Selenium	100	98.8	98.8	80.0-120	
Silver	20.0	21.5	107	80.0-120	
Zinc	100	99.6	99.6	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1858149-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858149-36 05/20/25 22:13 • (MS) R4217754-6 05/20/25 22:23 • (MSD) R4217754-7 05/20/25 22:26

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	99.9	172	335	376	162	204	5	75.0-125	J5	J5	11.8	20
Barium	99.9	137	253	250	116	113	5	75.0-125			0.979	20
Cadmium	99.9	ND	93.8	93.1	93.8	93.1	5	75.0-125			0.723	20
Copper	99.9	18.6	119	118	100	98.9	5	75.0-125			1.28	20
Lead	99.9	ND	102	96.6	92.3	87.3	5	75.0-125			5.06	20
Nickel	99.9	12.9	110	107	97.5	94.2	5	75.0-125			3.07	20
Selenium	99.9	0.223	93.5	87.7	93.3	87.4	5	75.0-125			6.46	20
Silver	20.0	ND	20.5	20.3	102	102	5	75.0-125			0.908	20
Zinc	99.9	53.3	162	158	109	105	5	75.0-125			2.29	20

Method Blank (MB)

(MB) R4217476-1 05/20/25 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.200	0.200
Barium	U		10.0	10.0
Cadmium	U		0.200	0.200
Copper	U		10.0	10.0
Lead	U		10.0	10.0
Nickel	U		10.0	10.0
Selenium	U		0.200	0.200
Silver	U		0.500	0.500
Zinc	U		50.0	50.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4217476-2 05/20/25 10:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	94.7	94.7	80.0-120	
Barium	100	92.7	92.7	80.0-120	
Cadmium	100	97.2	97.2	80.0-120	
Copper	100	96.4	96.4	80.0-120	
Lead	100	92.1	92.1	80.0-120	
Nickel	100	98.7	98.7	80.0-120	
Selenium	100	91.8	91.8	80.0-120	
Silver	20.0	19.0	95.0	80.0-120	
Zinc	100	94.1	94.1	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1858073-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858073-06 05/20/25 10:52 • (MS) R4217476-5 05/20/25 11:02 • (MSD) R4217476-6 05/20/25 11:05

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	3.98	102	106	98.1	102	5	75.0-125			3.70	20
Barium	100	72.8	162	175	89.7	103	5	75.0-125			7.59	20
Cadmium	100	ND	100	105	100	105	5	75.0-125			4.37	20
Copper	100	11.8	110	115	98.0	104	5	75.0-125			4.97	20
Lead	100	10.2	106	111	95.4	100	5	75.0-125			4.66	20
Nickel	100	11.0	110	114	99.1	103	5	75.0-125			3.88	20
Selenium	100	0.483	96.8	100	96.3	99.7	5	75.0-125			3.44	20
Silver	20.0	ND	19.8	20.5	99.1	102	5	75.0-125			3.19	20
Zinc	100	56.1	154	156	97.6	99.9	5	75.0-125			1.45	20

L1858149-28 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1858149-28 05/20/25 11:08 • (MS) R4217476-7 05/20/25 11:11 • (MSD) R4217476-8 05/20/25 11:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	134	253	251	120	117	5	75.0-125			0.988	20
Barium	100	183	296	278	112	95.0	5	75.0-125			6.02	20
Cadmium	100	ND	106	104	106	104	5	75.0-125			2.09	20
Copper	100	29.1	134	131	105	102	5	75.0-125			2.80	20
Lead	100	11.4	115	108	103	96.3	5	75.0-125			6.24	20
Nickel	100	17.8	125	121	107	103	5	75.0-125			3.19	20
Selenium	100	0.846	99.4	98.6	98.5	97.7	5	75.0-125			0.803	20
Silver	20.0	ND	20.3	19.8	101	98.9	5	75.0-125			2.58	20
Zinc	100	70.5	182	166	111	95.9	5	75.0-125			8.91	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

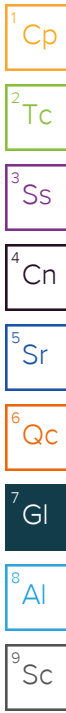
Guide to Reading and Understanding Your Laboratory Report

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.
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.
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
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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 1 of 1

Report to:
CDH Team 970-304-5000

Email To: **danpeterson@chevron.com; CVX-PM@cdhconsult.com; jason.davidson@chevron.**

Project Description:
UPRC 35-6 WH

City/State Collected:

Please Circle:
 PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #

Lab Project #
CHEGCO-CDH

Collected by (print):
Ryan Jedrzewski

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day STD TAT

Quote #
 Date Results Needed

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Full TABLE915 4ozClr-NoPres	TABLE915BG 4ozClr-NoPres	TDS, Chloride Sulfate
BKG01@4'	G	SS	4'	5/12/25	1325	2	X		
BKG01@8'		SS	8'	5/12/25	1330	2	X		
BKG02@4'		SS	4'		1335	2	X		
BKG02@8'		SS	8'		1340	2	X		
BKG03@4'		SS	4'		1345	2	X		
BKG03@8'		SS	8'		1350	2	X		
BKG02-GW		GW	6'		1420	2		X	
BKG03-GW		GW	6'		1430	2		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.pacelab.com/hub/1000/standard-terms.pdf>

ACCTnum: **CHEGCO**
 Template: **T270844**
 Prelogin: **P1140482**
 PM: **824 - Chris Ward**
 PB:
 Shipped Via: **FedEX Ground**

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____
 Samples returned via:
 ___ UPS ___ FedEx ___ Courier
 Tracking # **N/A**

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)

Date: **5/12/25**

Time: **1545**

Received by: (Signature)

Trip Blank Received: Yes No
 HCL / MeOH
 TBR

Relinquished by: (Signature)

Date: **5-12-25**

Time: **18:00**

Received by: (Signature)
SLWA

Temp: **12.9** °C
 Bottles Received: **0.2+0.4=0.6 16**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: **5-13-25**

Time: **0800**

Received for Lab by: (Signature)
Li. Q. Davis 17

Date: **5-13-25** Time: **0800**

Hold: Condition: **NCF 1 OK**