



# ANALYTICAL REPORT

May 27, 2025

Revised Report

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

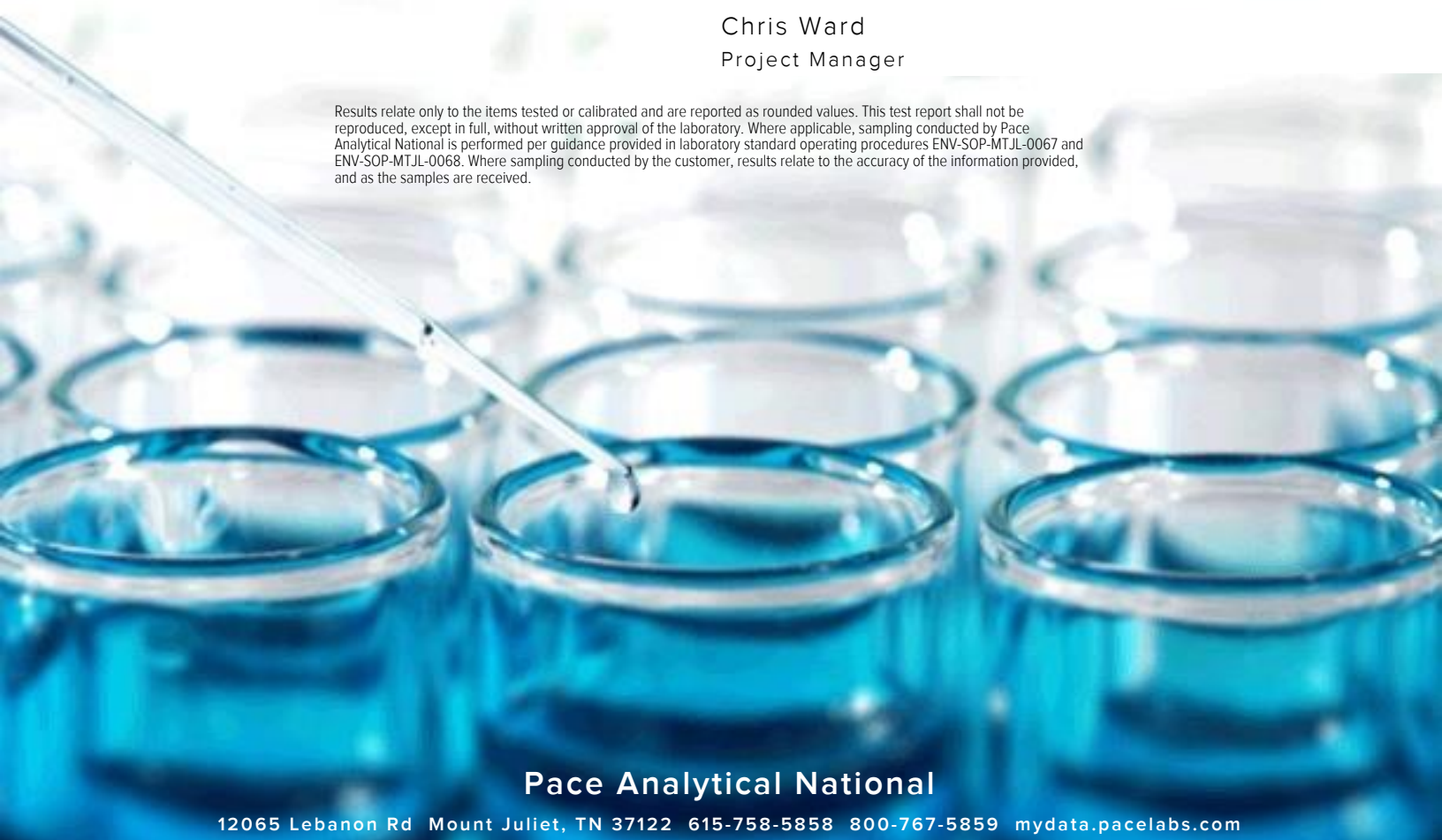
## Chevron - CO

Sample Delivery Group: L1844920  
 Samples Received: 04/08/2025  
 Project Number: 0736294  
 Description: Chevron RBU/Werning 7-2B  
 Site: UWRWEA1530ABN  
 Report To: Dan Peterson  
 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.

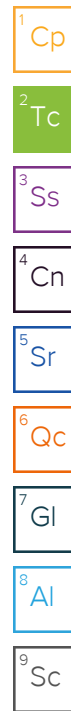


**Pace Analytical National**

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

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# SAMPLE SUMMARY

17203-BG-01-4-20250407 L1844920-01

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 10:59  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487413	1	04/12/25 12:57	04/12/25 12:57	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 20:10	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487455	1	04/10/25 16:50	04/11/25 05:57	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 02:50	JPD	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

17203-BG-02-4-20250407 L1844920-02

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 12:00  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:09	04/12/25 12:09	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 20:19	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:49	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 02:53	JPD	Mt. Juliet, TN

17203-BG-03-4-20250407 L1844920-03

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 13:10  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487413	1	04/12/25 12:59	04/12/25 12:59	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 21:28	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487455	1	04/10/25 16:50	04/11/25 05:58	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 02:57	JPD	Mt. Juliet, TN

17203-FL-01-4-20250407 L1844920-04

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 10:50  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2488105	1	04/13/25 17:26	04/13/25 17:26	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 21:38	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2489579	1	04/13/25 15:28	04/13/25 16:15	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2489583	1	04/13/25 15:32	04/14/25 10:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:51	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492541	1	04/10/25 08:29	04/17/25 04:50	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487392	1	04/10/25 08:29	04/10/25 21:10	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 15:24	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 11:43	KB	Mt. Juliet, TN

17203-FL-02-4-20250407 L1844920-05

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 10:40  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487413	1	04/12/25 13:00	04/12/25 13:00	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485933	1	04/09/25 15:18	04/10/25 00:49	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN

# SAMPLE SUMMARY

## 17203-FL-02-4-20250407 L1844920-05

Collected by  
JF/TE/CR/PC

Collected date/time  
04/07/25 10:40

Received date/time  
04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487455	1	04/10/25 16:50	04/11/25 06:00	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2493002	1	04/10/25 08:29	04/17/25 12:09	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 09:13	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 16:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 12:00	KB	Mt. Juliet, TN

1 Cp

2 Tc

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5 Sr

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7 Gl

8 Al

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## 17203-FL-03-4-20250407 L1844920-06

Collected by  
JF/TE/CR/PC

Collected date/time  
04/07/25 11:05

Received date/time  
04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:11	04/12/25 12:11	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 21:47	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:52	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:07	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2493002	1	04/10/25 08:29	04/17/25 12:33	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 09:33	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 15:24	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 12:18	KB	Mt. Juliet, TN

## 17203-FL-04-4-20250407 L1844920-07

Collected by  
JF/TE/CR/PC

Collected date/time  
04/07/25 11:35

Received date/time  
04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487415	1	04/11/25 19:01	04/11/25 19:01	RLS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 22:07	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488038	1	04/11/25 08:31	04/11/25 10:08	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488040	1	04/11/25 08:33	04/11/25 15:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487424	1	04/10/25 16:45	04/11/25 12:35	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:10	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2493002	1	04/10/25 08:29	04/17/25 12:57	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 09:53	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 16:01	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 14:03	KB	Mt. Juliet, TN

## 17203-FL-05-4-20250407 L1844920-08

Collected by  
JF/TE/CR/PC

Collected date/time  
04/07/25 11:40

Received date/time  
04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:12	04/12/25 12:12	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 22:16	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:54	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:20	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 04:58	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 10:14	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 16:38	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 12:35	KB	Mt. Juliet, TN

# SAMPLE SUMMARY

17203-FL-06-4-20250407 L1844920-09

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 11:50  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487413	1	04/12/25 13:02	04/12/25 13:02	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485897	1	04/09/25 00:50	04/09/25 22:26	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487455	1	04/10/25 16:50	04/11/25 06:02	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:23	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 05:20	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 10:34	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 16:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 12:53	KB	Mt. Juliet, TN

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17203-FL-07-4-20250407 L1844920-10

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 12:05  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:14	04/12/25 12:14	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485933	1	04/09/25 15:18	04/10/25 00:58	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:56	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:27	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 05:43	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 10:54	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 17:16	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 13:10	KB	Mt. Juliet, TN

17203-FL-08-4-20250407 L1844920-11

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 12:35  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:16	04/12/25 12:16	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485933	1	04/09/25 15:18	04/10/25 01:07	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:58	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:30	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 06:05	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 11:14	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 16:14	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 13:28	KB	Mt. Juliet, TN

17203-FL-09-4-20250407 L1844920-12

Collected by: JF/TE/CR/PC  
 Collected date/time: 04/07/25 13:15  
 Received date/time: 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487433	1	04/12/25 12:17	04/12/25 12:17	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485933	1	04/09/25 15:18	04/10/25 01:16	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2488929	1	04/12/25 11:00	04/12/25 12:00	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2488932	1	04/12/25 11:38	04/12/25 17:02	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487436	1	04/10/25 17:12	04/11/25 03:59	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 06:28	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 11:34	AV	Mt. Juliet, TN

# SAMPLE SUMMARY

17203-FL-09-4-20250407 L1844920-12

Collected by JF/TE/CR/PC      Collected date/time 04/07/25 13:15      Received date/time 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 15:49	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486412	1	04/10/25 10:07	04/11/25 13:45	KB	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

17203-FL-10-4-20250407 L1844920-13

Collected by JF/TE/CR/PC      Collected date/time 04/07/25 13:20      Received date/time 04/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2487382	1	04/13/25 18:40	04/13/25 18:40	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2485933	1	04/09/25 15:18	04/10/25 01:25	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2489579	1	04/13/25 15:28	04/13/25 16:15	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2489583	1	04/13/25 15:32	04/14/25 10:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2487407	1	04/10/25 16:42	04/11/25 13:04	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2486015	5	04/09/25 17:36	04/11/25 03:37	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2492546	1	04/10/25 08:29	04/17/25 06:50	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2487870	1	04/10/25 08:29	04/11/25 11:54	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2486455	1	04/12/25 09:50	04/12/25 15:36	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2486415	1	04/10/25 09:06	04/11/25 09:01	KB	Mt. Juliet, TN

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

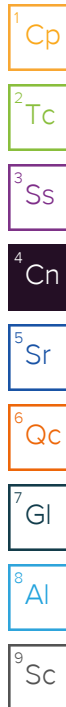
<sup>9</sup>Sc

# 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



## Report Revision History

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Level II Report - Version 1: 04/22/25 16:02  
Level II Report - Version 2: 04/30/25 10:01

## Project Narrative

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Report reissued to update reporting units -SC

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.28		1	04/12/2025 12:57	WG2487413

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/09/2025 20:10	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.58	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-01 WG2488929: 7.58 at 20.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.147	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

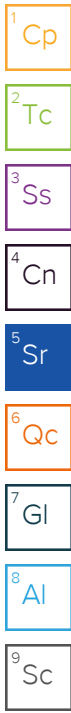
L1844920-01 WG2488932: at 25C

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0955	<u>J</u>	0.0167	0.200	1	04/11/2025 05:57	<a href="#">WG2487455</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.914	<u>J</u>	0.100	1.00	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Barium	28.3		0.152	2.50	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Copper	2.54	<u>J</u>	0.132	5.00	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Lead	2.90		0.0990	2.00	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Nickel	3.18		0.197	2.50	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Selenium	0.571	<u>J</u>	0.180	2.50	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 02:50	<a href="#">WG2486015</a>
Zinc	13.0	<u>J</u>	0.740	25.0	5	04/11/2025 02:50	<a href="#">WG2486015</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.06		1	04/12/2025 12:09	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/09/2025 20:19	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.51	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-02 WG2488929: 7.51 at 20.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.149	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

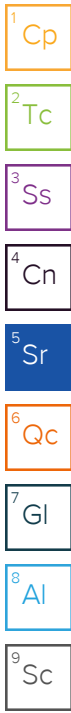
L1844920-02 WG2488932: at 25C

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0891	<u>J</u>	0.0167	0.200	1	04/11/2025 03:49	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.737	<u>J</u>	0.100	1.00	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Barium	9.01		0.152	2.50	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Copper	0.996	<u>J</u>	0.132	5.00	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Lead	1.59	<u>J</u>	0.0990	2.00	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Nickel	1.17	<u>J</u>	0.197	2.50	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Selenium	0.207	<u>J</u>	0.180	2.50	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 02:53	<a href="#">WG2486015</a>
Zinc	6.03	<u>J</u>	0.740	25.0	5	04/11/2025 02:53	<a href="#">WG2486015</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.08		1	04/12/2025 12:59	WG2487413



Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.672	J	0.379	1.00	1	04/09/2025 21:28	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.79	T8	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-03 WG2488929: 7.79 at 20.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.460	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-03 WG2488932: at 25C

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.417		0.0167	0.200	1	04/11/2025 05:58	<a href="#">WG2487455</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.17		0.100	1.00	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Barium	38.5		0.152	2.50	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Copper	3.70	J	0.132	5.00	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Lead	4.73		0.0990	2.00	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Nickel	2.07	J	0.197	2.50	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Selenium	0.578	J	0.180	2.50	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 02:57	<a href="#">WG2486015</a>
Zinc	10.8	J	0.740	25.0	5	04/11/2025 02:57	<a href="#">WG2486015</a>



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.20		1	04/13/2025 17:26	WG2488105

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.463	J	0.379	1.00	1	04/09/2025 21:38	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.76	T8	1	04/13/2025 16:15	<a href="#">WG2489579</a>

Sample Narrative:

L1844920-04 WG2489579: 7.76 at 20.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.16	mmhos/cm		0.0100	1	04/14/2025 10:30	<a href="#">WG2489583</a>

Sample Narrative:

L1844920-04 WG2489583: at 25C

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

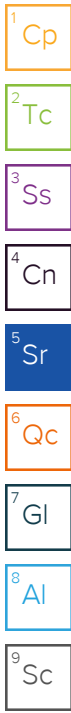
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.499		0.0167	0.200	1	04/11/2025 03:51	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.57		0.100	1.00	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Barium	165		0.152	2.50	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Cadmium	0.219	J	0.0855	1.00	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Copper	19.3		0.132	5.00	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Lead	15.3		0.0990	2.00	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Nickel	12.7		0.197	2.50	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Selenium	1.45	J	0.180	2.50	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:00	<a href="#">WG2486015</a>
Zinc	80.3		0.740	25.0	5	04/11/2025 03:00	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0263	B J	0.0217	0.100	1	04/17/2025 04:50	<a href="#">WG2492541</a>
(S) a,a,a-Trifluorotoluene(FID)	98.1			77.0-120		04/17/2025 04:50	<a href="#">WG2492541</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/10/2025 21:10	<a href="#">WG2487392</a>
Toluene	U		0.00130	0.00500	1	04/10/2025 21:10	<a href="#">WG2487392</a>
Ethylbenzene	U		0.000737	0.00250	1	04/10/2025 21:10	<a href="#">WG2487392</a>
Xylenes, Total	U		0.000880	0.00650	1	04/10/2025 21:10	<a href="#">WG2487392</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/10/2025 21:10	<a href="#">WG2487392</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/10/2025 21:10	<a href="#">WG2487392</a>
(S) Toluene-d8	103			75.0-131		04/10/2025 21:10	<a href="#">WG2487392</a>
(S) 4-Bromofluorobenzene	94.8			67.0-138		04/10/2025 21:10	<a href="#">WG2487392</a>
(S) 1,2-Dichloroethane-d4	90.9			70.0-130		04/10/2025 21:10	<a href="#">WG2487392</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 15:24	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	U		0.274	4.00	1	04/12/2025 15:24	<a href="#">WG2486455</a>
(S) o-Terphenyl	55.7			18.0-148		04/12/2025 15:24	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 11:43	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 11:43	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 11:43	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	78.1			23.0-120		04/11/2025 11:43	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	67.6			14.0-149		04/11/2025 11:43	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	73.7			34.0-125		04/11/2025 11:43	<a href="#">WG2486412</a>

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	2.84		1	04/12/2025 13:00	WG2487413

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/10/2025 00:49	<a href="#">WG2485933</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.65	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-05 WG2488929: 7.65 at 20.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.36	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-05 WG2488932: at 25C

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

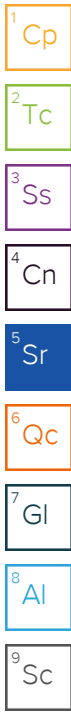
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.464		0.0167	0.200	1	04/11/2025 06:00	<a href="#">WG2487455</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.902	<u>J</u>	0.100	1.00	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Barium	27.7		0.152	2.50	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Copper	2.35	<u>J</u>	0.132	5.00	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Lead	3.30		0.0990	2.00	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Nickel	2.21	<u>J</u>	0.197	2.50	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Selenium	0.487	<u>J</u>	0.180	2.50	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:03	<a href="#">WG2486015</a>
Zinc	10.6	<u>J</u>	0.740	25.0	5	04/11/2025 03:03	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0348	<u>B J</u>	0.0217	0.100	1	04/17/2025 12:09	<a href="#">WG2493002</a>
(S) a,a,a-Trifluorotoluene(FID)	97.1			77.0-120		04/17/2025 12:09	<a href="#">WG2493002</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 09:13	<a href="#">WG2487870</a>
Toluene	0.00247	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 09:13	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 09:13	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 09:13	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 09:13	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 09:13	<a href="#">WG2487870</a>
(S) Toluene-d8	105			75.0-131		04/11/2025 09:13	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	97.2			67.0-138		04/11/2025 09:13	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	90.7			70.0-130		04/11/2025 09:13	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 16:51	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	2.00	<u>J</u>	0.274	4.00	1	04/12/2025 16:51	<a href="#">WG2486455</a>
(S) o-Terphenyl	69.3			18.0-148		04/12/2025 16:51	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 12:00	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 12:00	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 12:00	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	75.8			23.0-120		04/11/2025 12:00	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	63.2			14.0-149		04/11/2025 12:00	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	69.7			34.0-125		04/11/2025 12:00	<a href="#">WG2486412</a>

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	0.949		1	04/12/2025 12:11	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/09/2025 21:47	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.92	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-06 WG2488929: 7.92 at 20.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.222	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-06 WG2488932: at 25C

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

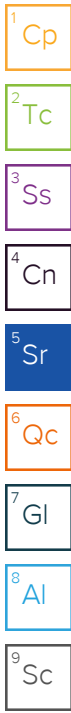
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0829	<u>J</u>	0.0167	0.200	1	04/11/2025 03:52	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.581	<u>J</u>	0.100	1.00	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Barium	16.9		0.152	2.50	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Copper	0.963	<u>J</u>	0.132	5.00	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Lead	1.71	<u>J</u>	0.0990	2.00	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Nickel	1.40	<u>J</u>	0.197	2.50	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Selenium	0.360	<u>J</u>	0.180	2.50	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:07	<a href="#">WG2486015</a>
Zinc	4.89	<u>J</u>	0.740	25.0	5	04/11/2025 03:07	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0227	<u>B J</u>	0.0217	0.100	1	04/17/2025 12:33	<a href="#">WG2493002</a>
(S) a,a,a-Trifluorotoluene(FID)	97.6			77.0-120		04/17/2025 12:33	<a href="#">WG2493002</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 09:33	<a href="#">WG2487870</a>
Toluene	0.00247	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 09:33	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 09:33	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 09:33	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 09:33	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 09:33	<a href="#">WG2487870</a>
(S) Toluene-d8	103			75.0-131		04/11/2025 09:33	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	94.3			67.0-138		04/11/2025 09:33	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	90.9			70.0-130		04/11/2025 09:33	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 15:24	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	U		0.274	4.00	1	04/12/2025 15:24	<a href="#">WG2486455</a>
(S) o-Terphenyl	80.5			18.0-148		04/12/2025 15:24	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 12:18	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 12:18	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 12:18	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	82.9			23.0-120		04/11/2025 12:18	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	69.5			14.0-149		04/11/2025 12:18	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	77.3			34.0-125		04/11/2025 12:18	<a href="#">WG2486412</a>

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	1.12		1	04/11/2025 19:01	WG2487415

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.996	J	0.379	1.00	1	04/09/2025 22:07	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.42	T8	1	04/11/2025 10:08	<a href="#">WG2488038</a>

Sample Narrative:

L1844920-07 WG2488038: 7.42 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.143	mmhos/cm		0.0100	1	04/11/2025 15:30	<a href="#">WG2488040</a>

Sample Narrative:

L1844920-07 WG2488040: at 25C

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

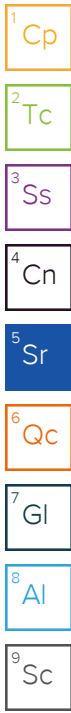
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0609	J	0.0167	0.200	1	04/11/2025 12:35	<a href="#">WG2487424</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.77		0.100	1.00	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Barium	100		0.152	2.50	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Cadmium	0.0922	J	0.0855	1.00	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Copper	10.0		0.132	5.00	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Lead	7.73		0.0990	2.00	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Nickel	7.46		0.197	2.50	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Selenium	1.32	J	0.180	2.50	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:10	<a href="#">WG2486015</a>
Zinc	39.5		0.740	25.0	5	04/11/2025 03:10	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0217	0.100	1	04/17/2025 12:57	<a href="#">WG2493002</a>
(S) a,a,a-Trifluorotoluene(FID)	96.9			77.0-120		04/17/2025 12:57	<a href="#">WG2493002</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 09:53	<a href="#">WG2487870</a>
Toluene	0.00260	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 09:53	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 09:53	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 09:53	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 09:53	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 09:53	<a href="#">WG2487870</a>
(S) Toluene-d8	104			75.0-131		04/11/2025 09:53	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	94.6			67.0-138		04/11/2025 09:53	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	90.0			70.0-130		04/11/2025 09:53	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 16:01	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	0.724	<u>J</u>	0.274	4.00	1	04/12/2025 16:01	<a href="#">WG2486455</a>
(S) o-Terphenyl	70.0			18.0-148		04/12/2025 16:01	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 14:03	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 14:03	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 14:03	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	84.4			23.0-120		04/11/2025 14:03	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	71.0			14.0-149		04/11/2025 14:03	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	77.7			34.0-125		04/11/2025 14:03	<a href="#">WG2486412</a>

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	1.18		1	04/12/2025 12:12	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/09/2025 22:16	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.60	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-08 WG2488929: 7.6 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.195	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-08 WG2488932: at 25C

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

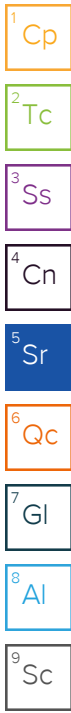
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0716	<u>J</u>	0.0167	0.200	1	04/11/2025 03:54	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.00		0.100	1.00	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Barium	34.7		0.152	2.50	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Copper	3.85	<u>J</u>	0.132	5.00	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Lead	3.54		0.0990	2.00	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Nickel	3.89		0.197	2.50	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Selenium	0.697	<u>J</u>	0.180	2.50	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:20	<a href="#">WG2486015</a>
Zinc	17.3	<u>J</u>	0.740	25.0	5	04/11/2025 03:20	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0233	<u>J</u>	0.0217	0.100	1	04/17/2025 04:58	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	96.8			77.0-120		04/17/2025 04:58	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 10:14	<a href="#">WG2487870</a>
Toluene	0.00270	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 10:14	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 10:14	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 10:14	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 10:14	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 10:14	<a href="#">WG2487870</a>
(S) Toluene-d8	103			75.0-131		04/11/2025 10:14	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	93.9			67.0-138		04/11/2025 10:14	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	89.6			70.0-130		04/11/2025 10:14	<a href="#">WG2487870</a>

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 16:38	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	2.66	<u>J</u>	0.274	4.00	1	04/12/2025 16:38	<a href="#">WG2486455</a>
(S) o-Terphenyl	77.9			18.0-148		04/12/2025 16:38	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 12:35	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 12:35	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 12:35	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	81.8			23.0-120		04/11/2025 12:35	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	70.4			14.0-149		04/11/2025 12:35	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	76.3			34.0-125		04/11/2025 12:35	<a href="#">WG2486412</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.74		1	04/12/2025 13:02	WG2487413

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.843	J	0.379	1.00	1	04/09/2025 22:26	<a href="#">WG2485897</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.57	T8	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-09 WG2488929: 7.57 at 20.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.353	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-09 WG2488932: at 25C

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

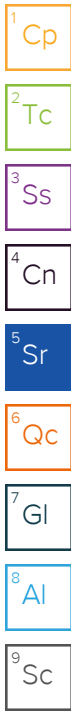
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.254		0.0167	0.200	1	04/11/2025 06:02	<a href="#">WG2487455</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.35		0.100	1.00	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Barium	30.9		0.152	2.50	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Copper	2.84	J	0.132	5.00	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Lead	3.19		0.0990	2.00	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Nickel	2.13	J	0.197	2.50	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Selenium	0.805	J	0.180	2.50	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:23	<a href="#">WG2486015</a>
Zinc	11.5	J	0.740	25.0	5	04/11/2025 03:23	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0292	J	0.0217	0.100	1	04/17/2025 05:20	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	96.4			77.0-120		04/17/2025 05:20	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 10:34	<a href="#">WG2487870</a>
Toluene	0.00265	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 10:34	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 10:34	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 10:34	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 10:34	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 10:34	<a href="#">WG2487870</a>
(S) Toluene-d8	105			75.0-131		04/11/2025 10:34	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	96.2			67.0-138		04/11/2025 10:34	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	90.9			70.0-130		04/11/2025 10:34	<a href="#">WG2487870</a>

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.62	<u>J</u>	1.61	4.00	1	04/12/2025 16:51	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	3.11	<u>J</u>	0.274	4.00	1	04/12/2025 16:51	<a href="#">WG2486455</a>
(S) o-Terphenyl	56.7			18.0-148		04/12/2025 16:51	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 12:53	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 12:53	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 12:53	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	75.3			23.0-120		04/11/2025 12:53	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	66.5			14.0-149		04/11/2025 12:53	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	71.7			34.0-125		04/11/2025 12:53	<a href="#">WG2486412</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.68		1	04/12/2025 12:14	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/10/2025 00:58	<a href="#">WG2485933</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.29	<u>T8</u>	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-10 WG2488929: 7.29 at 19.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.87	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-10 WG2488932: at 25C

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

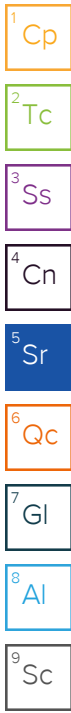
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.07		0.0167	0.200	1	04/11/2025 03:56	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.30		0.100	1.00	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Barium	80.7		0.152	2.50	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Copper	7.16		0.132	5.00	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Lead	5.73		0.0990	2.00	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Nickel	3.70		0.197	2.50	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Selenium	1.37	<u>J</u>	0.180	2.50	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:27	<a href="#">WG2486015</a>
Zinc	22.7	<u>J</u>	0.740	25.0	5	04/11/2025 03:27	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0226	<u>J</u>	0.0217	0.100	1	04/17/2025 05:43	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	96.7			77.0-120		04/17/2025 05:43	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 10:54	<a href="#">WG2487870</a>
Toluene	0.00240	<u>B J</u>	0.00130	0.00500	1	04/11/2025 10:54	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 10:54	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 10:54	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 10:54	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 10:54	<a href="#">WG2487870</a>
(S) Toluene-d8	103			75.0-131		04/11/2025 10:54	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	94.3			67.0-138		04/11/2025 10:54	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	89.9			70.0-130		04/11/2025 10:54	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.07		1.61	4.00	1	04/12/2025 17:16	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	22.6		0.274	4.00	1	04/12/2025 17:16	<a href="#">WG2486455</a>
(S) o-Terphenyl	61.9			18.0-148		04/12/2025 17:16	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 13:10	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 13:10	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 13:10	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	73.1			23.0-120		04/11/2025 13:10	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	66.4			14.0-149		04/11/2025 13:10	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	72.8			34.0-125		04/11/2025 13:10	<a href="#">WG2486412</a>

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	1.37		1	04/12/2025 12:16	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.723	J	0.379	1.00	1	04/10/2025 01:07	<a href="#">WG2485933</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.78	T8	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-11 WG2488929: 7.78 at 19.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.286	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-11 WG2488932: at 25C

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

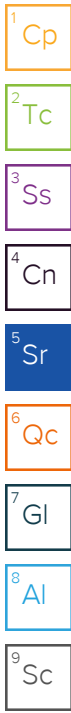
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0790	J	0.0167	0.200	1	04/11/2025 03:58	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.65		0.100	1.00	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Barium	79.6		0.152	2.50	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Copper	4.60	J	0.132	5.00	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Lead	6.05		0.0990	2.00	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Nickel	4.51		0.197	2.50	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Selenium	0.921	J	0.180	2.50	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:30	<a href="#">WG2486015</a>
Zinc	25.6		0.740	25.0	5	04/11/2025 03:30	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0252	J	0.0217	0.100	1	04/17/2025 06:05	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	95.8			77.0-120		04/17/2025 06:05	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 11:14	<a href="#">WG2487870</a>
Toluene	0.00263	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 11:14	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 11:14	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 11:14	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 11:14	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 11:14	<a href="#">WG2487870</a>
(S) Toluene-d8	103			75.0-131		04/11/2025 11:14	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	91.8			67.0-138		04/11/2025 11:14	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	88.8			70.0-130		04/11/2025 11:14	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 16:14	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	0.775	<u>J</u>	0.274	4.00	1	04/12/2025 16:14	<a href="#">WG2486455</a>
(S) o-Terphenyl	69.1			18.0-148		04/12/2025 16:14	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 13:28	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 13:28	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 13:28	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	66.5			23.0-120		04/11/2025 13:28	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	59.3			14.0-149		04/11/2025 13:28	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	64.0			34.0-125		04/11/2025 13:28	<a href="#">WG2486412</a>

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	1.96		1	04/12/2025 12:17	WG2487433

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.572	J	0.379	1.00	1	04/10/2025 01:16	<a href="#">WG2485933</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.96	T8	1	04/12/2025 12:00	<a href="#">WG2488929</a>

Sample Narrative:

L1844920-12 WG2488929: 7.96 at 20.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.714	mmhos/cm		0.0100	1	04/12/2025 17:02	<a href="#">WG2488932</a>

Sample Narrative:

L1844920-12 WG2488932: at 25C

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

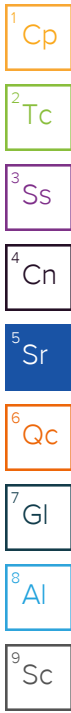
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.146	J	0.0167	0.200	1	04/11/2025 03:59	<a href="#">WG2487436</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.59		0.100	1.00	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Barium	56.2		0.152	2.50	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Copper	3.20	J	0.132	5.00	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Lead	4.62		0.0990	2.00	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Nickel	2.99		0.197	2.50	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Selenium	0.824	J	0.180	2.50	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:33	<a href="#">WG2486015</a>
Zinc	15.0	J	0.740	25.0	5	04/11/2025 03:33	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0253	J	0.0217	0.100	1	04/17/2025 06:28	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	96.7			77.0-120		04/17/2025 06:28	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 11:34	<a href="#">WG2487870</a>
Toluene	0.00238	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 11:34	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 11:34	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 11:34	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 11:34	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 11:34	<a href="#">WG2487870</a>
(S) Toluene-d8	105			75.0-131		04/11/2025 11:34	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	95.7			67.0-138		04/11/2025 11:34	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	92.1			70.0-130		04/11/2025 11:34	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 15:49	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	0.998	<u>J</u>	0.274	4.00	1	04/12/2025 15:49	<a href="#">WG2486455</a>
(S) o-Terphenyl	64.4			18.0-148		04/12/2025 15:49	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 13:45	<a href="#">WG2486412</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 13:45	<a href="#">WG2486412</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 13:45	<a href="#">WG2486412</a>
(S) p-Terphenyl-d14	69.4			23.0-120		04/11/2025 13:45	<a href="#">WG2486412</a>
(S) Nitrobenzene-d5	66.5			14.0-149		04/11/2025 13:45	<a href="#">WG2486412</a>
(S) 2-Fluorobiphenyl	69.2			34.0-125		04/11/2025 13:45	<a href="#">WG2486412</a>

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	1.63		1	04/13/2025 18:40	WG2487382

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	U		0.379	1.00	1	04/10/2025 01:25	<a href="#">WG2485933</a>

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.26	<u>T8</u>	1	04/13/2025 16:15	<a href="#">WG2489579</a>

Sample Narrative:

L1844920-13 WG2489579: 8.26 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.289	mmhos/cm		0.0100	1	04/14/2025 10:30	<a href="#">WG2489583</a>

Sample Narrative:

L1844920-13 WG2489583: at 25C

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

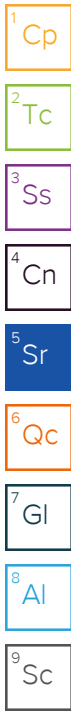
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.0611	<u>J</u>	0.0167	0.200	1	04/11/2025 13:04	<a href="#">WG2487407</a>

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.13		0.100	1.00	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Barium	21.5		0.152	2.50	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Cadmium	U		0.0855	1.00	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Copper	1.78	<u>J</u>	0.132	5.00	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Lead	3.70		0.0990	2.00	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Nickel	2.35	<u>J</u>	0.197	2.50	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Selenium	0.942	<u>J</u>	0.180	2.50	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Silver	U		0.0865	0.500	5	04/11/2025 03:37	<a href="#">WG2486015</a>
Zinc	10.2	<u>J</u>	0.740	25.0	5	04/11/2025 03:37	<a href="#">WG2486015</a>

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0218	<u>J</u>	0.0217	0.100	1	04/17/2025 06:50	<a href="#">WG2492546</a>
(S) a,a,a-Trifluorotoluene(FID)	96.8			77.0-120		04/17/2025 06:50	<a href="#">WG2492546</a>



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	U		0.000467	0.00100	1	04/11/2025 11:54	<a href="#">WG2487870</a>
Toluene	0.00250	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/11/2025 11:54	<a href="#">WG2487870</a>
Ethylbenzene	U		0.000737	0.00250	1	04/11/2025 11:54	<a href="#">WG2487870</a>
Xylenes, Total	U		0.000880	0.00650	1	04/11/2025 11:54	<a href="#">WG2487870</a>
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	04/11/2025 11:54	<a href="#">WG2487870</a>
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	04/11/2025 11:54	<a href="#">WG2487870</a>
(S) Toluene-d8	103			75.0-131		04/11/2025 11:54	<a href="#">WG2487870</a>
(S) 4-Bromofluorobenzene	94.9			67.0-138		04/11/2025 11:54	<a href="#">WG2487870</a>
(S) 1,2-Dichloroethane-d4	89.6			70.0-130		04/11/2025 11:54	<a href="#">WG2487870</a>

Semi-Volatile Organic Compounds (GC) by Method 8015M

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		1.61	4.00	1	04/12/2025 15:36	<a href="#">WG2486455</a>
C28-C36 Motor Oil Range	0.707	<u>J</u>	0.274	4.00	1	04/12/2025 15:36	<a href="#">WG2486455</a>
(S) o-Terphenyl	68.8			18.0-148		04/12/2025 15:36	<a href="#">WG2486455</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00162	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Anthracene	U		0.00163	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Benzo(a)anthracene	U		0.00200	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Benzo(b)fluoranthene	U		0.00275	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Benzo(k)fluoranthene	U		0.00213	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Benzo(a)pyrene	U		0.00163	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Chrysene	U		0.00206	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Dibenz(a,h)anthracene	U		0.00201	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Fluoranthene	U		0.00239	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Fluorene	U		0.00180	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
1-Methylnaphthalene	U		0.00219	0.0200	1	04/11/2025 09:01	<a href="#">WG2486415</a>
2-Methylnaphthalene	U		0.00571	0.0200	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Naphthalene	U		0.00579	0.0200	1	04/11/2025 09:01	<a href="#">WG2486415</a>
Pyrene	U		0.00205	0.00600	1	04/11/2025 09:01	<a href="#">WG2486415</a>
(S) p-Terphenyl-d14	116			23.0-120		04/11/2025 09:01	<a href="#">WG2486415</a>
(S) Nitrobenzene-d5	104			14.0-149		04/11/2025 09:01	<a href="#">WG2486415</a>
(S) 2-Fluorobiphenyl	109			34.0-125		04/11/2025 09:01	<a href="#">WG2486415</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4197490-1 04/09/25 16:35

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.379	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1844892-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1844892-02 04/09/25 18:01 • (DUP) R4197490-3 04/09/25 18:52

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

L1844920-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1844920-06 04/09/25 21:47 • (DUP) R4197490-8 04/09/25 21:57

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

Laboratory Control Sample (LCS)

(LCS) R4197490-2 04/09/25 16:44

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.56	95.6	80.0-120	

L1844892-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844892-04 04/09/25 19:12 • (MS) R4197490-4 04/09/25 19:21 • (MSD) R4197490-5 04/09/25 19:31

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	U	18.1	17.9	90.6	89.7	1	75.0-125			0.960	20

L1844892-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1844892-04 04/09/25 19:12 • (MS) R4197490-6 04/09/25 19:41

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	633	U	488	77.2	50	75.0-125	

Method Blank (MB)

(MB) R4197509-1 04/10/25 00:32

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.379	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1845089-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1845089-02 04/10/25 02:39 • (DUP) R4197509-3 04/10/25 02:48

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

L1845089-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1845089-05 04/10/25 03:51 • (DUP) R4197509-8 04/10/25 04:00

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

Laboratory Control Sample (LCS)

(LCS) R4197509-2 04/10/25 00:40

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	10.5	105	80.0-120	

L1845089-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1845089-03 04/10/25 02:57 • (MS) R4197509-5 04/10/25 03:15 • (MSD) R4197509-6 04/10/25 03:24

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	U	20.9	20.5	104	103	1	75.0-125			1.61	20

L1845089-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1845089-03 04/10/25 02:57 • (MS) R4197509-7 04/10/25 03:33

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	643	U	510	79.3	50	75.0-125	

L1841538-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1841538-02 04/11/25 10:08 • (DUP) R4198232-2 04/11/25 10:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.14	8.10	1	0.493		1

Sample Narrative:

OS: 8.14 at 20.9C

DUP: 8.1 at 20.9C

L1845100-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1845100-04 04/11/25 10:08 • (DUP) R4198232-3 04/11/25 10:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.73	7.75	1	0.258		1

Sample Narrative:

OS: 7.73 at 20.2C

DUP: 7.75 at 20.4C

Laboratory Control Sample (LCS)

(LCS) R4198232-1 04/11/25 10:08

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

Sample Narrative:

LCS: 10.01 at 20.4C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1844888-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1844888-07 04/12/25 12:00 • (DUP) R4198687-2 04/12/25 12:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su	su		%		%
pH	8.27	8.27	1	0.000		1

Sample Narrative:

OS: 8.27 at 21.5C  
DUP: 8.27 at 21.3C

L1845111-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1845111-04 04/12/25 12:00 • (DUP) R4198687-3 04/12/25 12:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su	su		%		%
pH	8.05	8.06	1	0.124		1

Sample Narrative:

OS: 8.05 at 19.7C  
DUP: 8.06 at 19.6C

Laboratory Control Sample (LCS)

(LCS) R4198687-1 04/12/25 12:00

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

Sample Narrative:

LCS: 10 at 20.1C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1844839-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1844839-03 04/13/25 16:15 • (DUP) R4198895-2 04/13/25 16:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.16	7.14	1	0.280		1

Sample Narrative:

OS: 7.16 at 21.7C  
 DUP: 7.14 at 21.9C

L1845112-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1845112-02 04/13/25 16:15 • (DUP) R4198895-3 04/13/25 16:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.16	7.15	1	0.140		1

Sample Narrative:

OS: 7.16 at 20.6C  
 DUP: 7.15 at 20.8C

Laboratory Control Sample (LCS)

(LCS) R4198895-1 04/13/25 16:15

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 19.8C

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4198471-1 04/11/25 15:30

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

Sample Narrative:

BLANK: at 25C

L1841538-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1841538-03 04/11/25 15:30 • (DUP) R4198471-3 04/11/25 15:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.532	0.533	1	0.188		20

Sample Narrative:

OS: at 25C  
DUP: at 25C

L1845100-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1845100-02 04/11/25 15:30 • (DUP) R4198471-4 04/11/25 15:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	2.25	1	0.401		20

Sample Narrative:

OS: at 25C  
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4198471-2 04/11/25 15:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	1.13	1.14	101	85.0-115	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4198751-1 04/12/25 17:02

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

Sample Narrative:

BLANK: at 25C

L1844888-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1844888-08 04/12/25 17:02 • (DUP) R4198751-3 04/12/25 17:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.171	1	0.933		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1845111-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1845111-02 04/12/25 17:02 • (DUP) R4198751-4 04/12/25 17:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.298	1	1.66		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4198751-2 04/12/25 17:02

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	1.13	1.08	95.8	85.0-115	

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) R4199134-1 04/14/25 10:30

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

Sample Narrative:

BLANK: at 25C

L1844839-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1844839-05 04/14/25 10:30 • (DUP) R4199134-3 04/14/25 10:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.0575	0.0577	1	0.347		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1845089-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1845089-01 04/14/25 10:30 • (DUP) R4199134-4 04/14/25 10:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.0665	1	1.21		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4199134-2 04/14/25 10:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	1.13	1.16	102	85.0-115	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4198396-1 04/11/25 12:31

Analyte	MB Result mg/l	<u>MB Qualifier</u>	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) R4198396-2 04/11/25 12:32 • (LCSD) R4198396-3 04/11/25 12:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.09	1.08	109	108	80.0-120			0.801	20

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

Method Blank (MB)

(MB) R4198526-1 04/11/25 11:55

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) R4198526-2 04/11/25 11:57 • (LCSD) R4198526-3 04/11/25 12:00

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	1.06	1.08	106	108	80.0-120			2.58	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4198117-1 04/11/25 03:28

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) R4198117-2 04/11/25 03:30 • (LCSD) R4198117-3 04/11/25 03:32

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	1.06	1.06	106	106	80.0-120			0.0475	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4198120-1 04/11/25 05:51

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) R4198120-2 04/11/25 05:53 • (LCSD) R4198120-3 04/11/25 05:55

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	1.07	1.08	107	108	80.0-120			1.43	20

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

Method Blank (MB)

(MB) R4198163-1 04/11/25 01:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00
Barium	U		0.152	2.50
Cadmium	U		0.0855	1.00
Copper	U		0.133	5.00
Lead	U		0.0990	2.00
Nickel	U		0.197	2.50
Selenium	U		0.180	2.50
Silver	U		0.0865	0.500
Zinc	U		0.740	25.0

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4198163-2 04/11/25 02:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	90.2	90.2	80.0-120	
Barium	100	84.8	84.8	80.0-120	
Cadmium	100	89.4	89.4	80.0-120	
Copper	100	88.8	88.8	80.0-120	
Lead	100	87.5	87.5	80.0-120	
Nickel	100	92.0	92.0	80.0-120	
Selenium	100	86.6	86.6	80.0-120	
Silver	20.0	17.7	88.3	80.0-120	
Zinc	100	87.3	87.3	80.0-120	

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1844892-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844892-04 04/11/25 02:05 • (MS) R4198163-5 04/11/25 02:15 • (MSD) R4198163-6 04/11/25 02:19

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	1.65	92.8	90.4	91.1	88.7	5	75.0-125			2.60	20
Barium	100	30.6	117	113	85.9	82.8	5	75.0-125			2.73	20
Cadmium	100	U	92.5	91.0	92.5	91.0	5	75.0-125			1.64	20
Copper	100	1.81	93.0	91.7	91.2	89.9	5	75.0-125			1.33	20
Lead	100	3.20	90.7	89.6	87.5	86.4	5	75.0-125			1.14	20
Nickel	100	2.28	93.3	93.4	91.0	91.1	5	75.0-125			0.0760	20
Selenium	100	0.353	90.4	87.4	90.0	87.1	5	75.0-125			3.33	20
Silver	20.0	U	18.1	18.0	90.7	90.2	5	75.0-125			0.462	20
Zinc	100	8.32	102	99.1	93.9	90.8	5	75.0-125			3.12	20

Method Blank (MB)

(MB) R4200908-3 04/16/25 19:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0218	↓	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	98.5			77.0-120

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

(LCS) R4200908-1 04/16/25 17:31 • (LCSD) R4200908-2 04/16/25 18:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.71	4.63	94.2	92.6	72.0-127			1.71	20
(S) a,a,a-Trifluorotoluene(FID)				109	103	77.0-120				

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

Method Blank (MB)

(MB) R4200837-3 04/17/25 03:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)	98.0			77.0-120

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

(LCS) R4200837-1 04/17/25 02:20 • (LCSD) R4200837-2 04/17/25 02:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.61	4.74	112	94.8	72.0-127			16.8	20
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)				102	102	77.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4201277-1 04/17/25 10:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0292	↓	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	99.4			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4201277-2 04/17/25 11:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.35	107	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4199977-3 04/10/25 12:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	96.8			67.0-138
(S) 1,2-Dichloroethane-d4	93.4			70.0-130

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

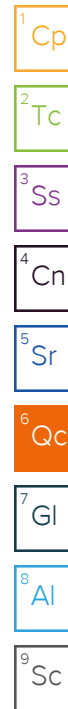
(LCS) R4199977-1 04/10/25 11:14 • (LCSD) R4199977-2 04/10/25 11:34

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.125	0.129	0.115	103	92.0	70.0-123			11.5	20
Toluene	0.125	0.142	0.126	114	101	75.0-121			11.9	20
Ethylbenzene	0.125	0.128	0.115	102	92.0	74.0-126			10.7	20
Xylenes, Total	0.375	0.395	0.364	105	97.1	72.0-127			8.17	20
1,2,4-Trimethylbenzene	0.125	0.122	0.118	97.6	94.4	70.0-126			3.33	20
1,3,5-Trimethylbenzene	0.125	0.123	0.116	98.4	92.8	73.0-127			5.86	20
(S) Toluene-d8				101	98.4	75.0-131				
(S) 4-Bromofluorobenzene				94.4	92.6	67.0-138				
(S) 1,2-Dichloroethane-d4				96.9	95.8	70.0-130				

L1844471-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844471-01 04/10/25 17:32 • (MS) R4199977-4 04/10/25 21:30 • (MSD) R4199977-5 04/10/25 21:49

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.126	U	0.0720	0.110	59.0	90.2	1	10.0-149		J3	41.8	37
Toluene	0.126	0.00143	0.0767	0.121	62.9	99.2	1	10.0-156		J3	44.8	38
Ethylbenzene	0.126	U	0.0669	0.111	54.8	91.0	1	10.0-160		J3	49.6	38
Xylenes, Total	0.376	U	0.204	0.340	55.9	93.2	1	10.0-160		J3	50.0	38
1,2,4-Trimethylbenzene	0.126	U	0.0647	0.0996	53.0	81.6	1	10.0-160		J3	42.5	36
1,3,5-Trimethylbenzene	0.126	U	0.0663	0.102	54.3	83.6	1	10.0-160		J3	42.4	38
(S) Toluene-d8					102	104		75.0-131				
(S) 4-Bromofluorobenzene					92.8	94.6		67.0-138				
(S) 1,2-Dichloroethane-d4					91.9	91.3		70.0-130				



Method Blank (MB)

(MB) R4200006-3 04/11/25 08:32

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.000467	0.00100
Toluene	0.00193	U	0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	94.3			67.0-138
(S) 1,2-Dichloroethane-d4	91.6			70.0-130

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

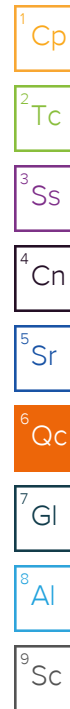
(LCS) R4200006-1 04/11/25 06:52 • (LCSD) R4200006-2 04/11/25 07:12

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.125	0.117	0.111	93.6	88.8	70.0-123			5.26	20
Toluene	0.125	0.124	0.122	99.2	97.6	75.0-121			1.63	20
Ethylbenzene	0.125	0.117	0.121	93.6	96.8	74.0-126			3.36	20
Xylenes, Total	0.375	0.360	0.356	96.0	94.9	72.0-127			1.12	20
1,2,4-Trimethylbenzene	0.125	0.117	0.119	93.6	95.2	70.0-126			1.69	20
1,3,5-Trimethylbenzene	0.125	0.117	0.116	93.6	92.8	73.0-127			0.858	20
(S) Toluene-d8				104	104	75.0-131				
(S) 4-Bromofluorobenzene				96.5	97.1	67.0-138				
(S) 1,2-Dichloroethane-d4				94.5	91.5	70.0-130				

L1844920-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844920-05 04/11/25 09:13 • (MS) R4200006-4 04/11/25 15:56 • (MSD) R4200006-5 04/11/25 16:17

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.125	U	0.107	0.114	85.6	91.2	1	10.0-149			6.33	37
Toluene	0.125	0.00247	0.120	0.122	94.0	95.6	1	10.0-156			1.65	38
Ethylbenzene	0.125	U	0.114	0.117	91.2	93.6	1	10.0-160			2.60	38
Xylenes, Total	0.375	U	0.348	0.350	92.8	93.3	1	10.0-160			0.573	38
1,2,4-Trimethylbenzene	0.125	U	0.114	0.117	91.2	93.6	1	10.0-160			2.60	36
1,3,5-Trimethylbenzene	0.125	U	0.118	0.118	94.4	94.4	1	10.0-160			0.000	38
(S) Toluene-d8					105	104		75.0-131				
(S) 4-Bromofluorobenzene					95.6	95.1		67.0-138				
(S) 1,2-Dichloroethane-d4					90.0	92.9		70.0-130				



Method Blank (MB)

(MB) R4198770-1 04/12/25 14:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	78.7			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4198770-2 04/12/25 15:12

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	38.4	76.8	50.0-150	
(S) o-Terphenyl			70.3	18.0-148	

L1844920-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844920-06 04/12/25 15:24 • (MS) R4198770-3 04/12/25 15:36 • (MSD) R4198770-4 04/12/25 15:49

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	48.2	U	41.6	41.5	86.3	86.1	1	50.0-150			0.241	20
(S) o-Terphenyl					72.6	72.0		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4198366-2 04/11/25 08:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00162	0.00600
Anthracene	U		0.00163	0.00600
Benzo(a)anthracene	U		0.00200	0.00600
Benzo(b)fluoranthene	U		0.00275	0.00600
Benzo(k)fluoranthene	U		0.00213	0.00600
Benzo(a)pyrene	U		0.00163	0.00600
Chrysene	U		0.00206	0.00600
Dibenz(a,h)anthracene	U		0.00201	0.00600
Fluoranthene	U		0.00239	0.00600
Fluorene	U		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600
1-Methylnaphthalene	U		0.00219	0.0200
2-Methylnaphthalene	U		0.00571	0.0200
Naphthalene	U		0.00579	0.0200
Pyrene	U		0.00205	0.00600
(S) p-Terphenyl-d14	85.0			23.0-120
(S) Nitrobenzene-d5	74.7			14.0-149
(S) 2-Fluorobiphenyl	79.5			34.0-125

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R4198366-1 04/11/25 07:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0544	68.0	50.0-120	
Anthracene	0.0800	0.0543	67.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0508	63.5	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0558	69.8	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0565	70.6	49.0-125	
Benzo(a)pyrene	0.0800	0.0502	62.8	42.0-120	
Chrysene	0.0800	0.0557	69.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0591	73.9	47.0-125	
Fluoranthene	0.0800	0.0574	71.8	49.0-129	
Fluorene	0.0800	0.0571	71.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0564	70.5	46.0-125	
1-Methylnaphthalene	0.0800	0.0615	76.9	51.0-121	
2-Methylnaphthalene	0.0800	0.0592	74.0	50.0-120	
Naphthalene	0.0800	0.0594	74.3	50.0-120	
Pyrene	0.0800	0.0587	73.4	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4198366-1 04/11/25 07:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			78.3	23.0-120	
(S) Nitrobenzene-d5			71.5	14.0-149	
(S) 2-Fluorobiphenyl			76.7	34.0-125	

L1844920-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1844920-07 04/11/25 14:03 • (MS) R4198366-3 04/11/25 14:20 • (MSD) R4198366-4 04/11/25 14:38

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 %
Acenaphthene	0.0780	U	0.0574	0.0549	73.6	70.7	1	14.0-127			4.45	27
Anthracene	0.0780	U	0.0553	0.0523	70.9	67.4	1	10.0-145			5.58	30
Benzo(a)anthracene	0.0780	U	0.0529	0.0503	67.8	64.8	1	10.0-139			5.04	30
Benzo(b)fluoranthene	0.0780	U	0.0579	0.0548	74.2	70.6	1	10.0-140			5.50	36
Benzo(k)fluoranthene	0.0780	U	0.0581	0.0556	74.5	71.6	1	10.0-137			4.40	31
Benzo(a)pyrene	0.0780	U	0.0564	0.0533	72.3	68.7	1	10.0-141			5.65	31
Chrysene	0.0780	U	0.0588	0.0559	75.4	72.0	1	10.0-145			5.06	30
Dibenz(a,h)anthracene	0.0780	U	0.0609	0.0584	78.1	75.3	1	10.0-132			4.19	31
Fluoranthene	0.0780	U	0.0608	0.0579	77.9	74.6	1	10.0-153			4.89	33
Fluorene	0.0780	U	0.0584	0.0566	74.9	72.9	1	11.0-130			3.13	29
Indeno(1,2,3-cd)pyrene	0.0780	U	0.0552	0.0522	70.8	67.3	1	10.0-137			5.59	32
1-Methylnaphthalene	0.0780	U	0.0648	0.0621	83.1	80.0	1	10.0-142			4.26	28
2-Methylnaphthalene	0.0780	U	0.0615	0.0591	78.8	76.2	1	10.0-137			3.98	28
Naphthalene	0.0780	U	0.0629	0.0596	80.6	76.8	1	10.0-135			5.39	27
Pyrene	0.0780	U	0.0620	0.0588	79.5	75.8	1	10.0-148			5.30	35
(S) p-Terphenyl-d14					83.8	79.1		23.0-120				
(S) Nitrobenzene-d5					76.8	74.3		14.0-149				
(S) 2-Fluorobiphenyl					82.9	79.6		34.0-125				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4198556-2 04/11/25 08:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00162	0.00600
Anthracene	U		0.00163	0.00600
Benzo(a)anthracene	U		0.00200	0.00600
Benzo(b)fluoranthene	U		0.00275	0.00600
Benzo(k)fluoranthene	U		0.00213	0.00600
Benzo(a)pyrene	U		0.00163	0.00600
Chrysene	U		0.00206	0.00600
Dibenz(a,h)anthracene	U		0.00201	0.00600
Fluoranthene	U		0.00239	0.00600
Fluorene	U		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600
1-Methylnaphthalene	U		0.00219	0.0200
2-Methylnaphthalene	U		0.00571	0.0200
Naphthalene	U		0.00579	0.0200
Pyrene	U		0.00205	0.00600
(S) p-Terphenyl-d14	117			23.0-120
(S) Nitrobenzene-d5	108			14.0-149
(S) 2-Fluorobiphenyl	110			34.0-125

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4198556-1 04/11/25 07:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0589	73.6	50.0-120	
Anthracene	0.0800	0.0543	67.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0547	68.4	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0586	73.3	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0569	71.1	49.0-125	
Benzo(a)pyrene	0.0800	0.0525	65.6	42.0-120	
Chrysene	0.0800	0.0597	74.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0580	72.5	47.0-125	
Fluoranthene	0.0800	0.0605	75.6	49.0-129	
Fluorene	0.0800	0.0620	77.5	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0565	70.6	46.0-125	
1-Methylnaphthalene	0.0800	0.0633	79.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0605	75.6	50.0-120	
Naphthalene	0.0800	0.0619	77.4	50.0-120	
Pyrene	0.0800	0.0613	76.6	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4198556-1 04/11/25 07:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
(S) p-Terphenyl-d14			111	23.0-120	
(S) Nitrobenzene-d5			105	14.0-149	
(S) 2-Fluorobiphenyl			107	34.0-125	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

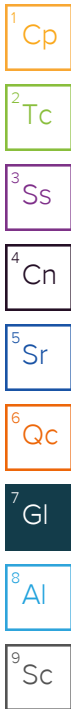
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
T8	Sample(s) received past/too close to holding time expiration.



# ACCREDITATIONS & LOCATIONS

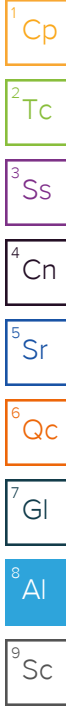
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	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 <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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**  
 1200 17th St. Floor 10  
 Denver, Co 80202

Billing Information:  
 1200 17th St. Floor 10  
 Denver, Co 80202

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2  
**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/hubfs/pas-standard-terms.pdf>

Report to: **Stephen James - 303-968-2785**

Email To: **Stephen.James@erm.com**

Project Description: **Chevron RBU/Werning 7-2B**

City/State Collected: \_\_\_\_\_ Please Circle: PT  
 MT CT ET

Regulatory Program(DOD,RCRA,DW,etc): \_\_\_\_\_ Client Project # **0736294** Lab Project # **CHEGCO-ERM**

Collected by (print): \_\_\_\_\_ Site/Facility ID # **UWRWEA1530ABN** P.O. # \_\_\_\_\_

Collected by (signature): \_\_\_\_\_ **Rush?** (Lab MUST Be Notified)  
 Immediately Same Day Five Day  
 Packed on ice N \_\_\_ Y \_\_\_ Next Day 5 Day (Rad Only) Date Results Needed

Quote # \_\_\_\_\_ No. of Cntrs. \_\_\_\_\_

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs.	Full Table 915 4oz Clear No Pres	Full Table 915 BG 4oz Clear No Pres
17203-BG-01-4-20250407	G	SS	4	4/7/2025	1059	3	x	
17203-BG-02-4-20250407	G	SS	4	4/7/2025	1200	3	x	
17203-BG-03-4-20250407	G	SS	4	4/7/2025	1310	3	x	
17203-FL-01-4-20250407	G	SS	4	4/7/2025	1050	3	x	
17203-FL-02-4-20250407	G	SS	4	4/7/2025	1040	3	x	
17203-FL-03-4-20250407	G	SS	4	4/7/2025	1105	3	x	
17203-FL-04-4-20250407	G	SS	4	4/7/2025	1135	3	x	
17203-FL-05-4-20250407	G	SS	4	4/7/2025	1140	3	x	
17203-FL-06-4-20250407	G	SS	4	4/7/2025	1150	3	x	
17203-FL-07-4-20250407	G	SS	4	4/7/2025	1205	3	x	

**C215**  
**11844920**

Acctnum: **CHEGCO**  
 Template: **T270815** Prelogin:  
**P1140477** PM: 824 - Chris Ward  
 PB:

Shipped Via:

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09
	-10

\* 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 # \_\_\_\_\_

Sample Receipt Checklist

COC Seal Present/Intact:  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) *Andy Minahan* Date: *4/30* Time: *1430* Received by: (Signature) *Steve B...* Trip Blank Received: Yes  No   
 HCL / MeOH  
 TBR

Relinquished by: (Signature) *John...* Date: *18:00* Time: *4/27/25* Received by: (Signature) *SWA* Temp: °C Bottles Received: *CG 16 D. 210.4 = 0.6 39*  
 If preservation required by Login: Date/Time

Relinquished by: (Signature) *TEST* Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received for lab by: (Signature) *Andy B...* Date: *04/08/2025* Time: *0800* Hold: \_\_\_\_\_ Condition:  NCF /  OK

Company Name/Address:  
**Chevron - CO**  
 1200 17th St. Floor 10  
 Denver, Co 80202

Billing Information:  
 1200 17th St. Floor 10  
 Denver, Co 80202

Pres  
 Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

**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>



Report to:  
**Stephen James - 303-968-2785**

Email To:  
**Stephen.James@erm.com**

Project Description:  
 Chevron RBU/Wertz Federal 35-12

City/State Collected:

Please Circle: PT  
 MT CT ET

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

Client Project #  
 0736294

Lab Project #  
**CHEGCO-ERM**

Collected by (print):  
 JF, TE, CR, PC

Site/Facility ID #  
 UWRWEA1530ABN

P.O. #

Collected by (signature):  
 Immediately

**Rush?** (Lab MUST Be Notified)  
 Same Day Five Day

Quote #

Packed on Ice N Y

Next Day 5 Day (Rad Only)

Date Results Needed

Two Day 10 Day (Rad Only)

Three Day STD TAT

No. of  
 Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs												
17203-FL-08-4-20250407	G	SS	4	4/7/2025	1235	3	x											
17203-FL-09-4-20250407	G	SS	4	4/7/2025	1315	3	x											
17203-FL-10-4-20250407	G	SS	4	4/7/2025	1320	3	x											

Full Table 915 4oz Clear No Pres

SDG # **45044920**

Table #

Acctnum: **CHEGCO**

Template: **T270815** Prelogin:

**P1140477** PM: 824 - Chris Ward

PB:

Shipped Via:

Remarks	Sample # (lab only)
	11 12 13

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

Remarks:  
 pH Temp  
 Flow Other

Samples returned via:  
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)  
*Andy Muehan*  
 Relinquished by: (Signature)  
*Andy Muehan*  
 Relinquished by: (Signature)

Date: **4/7/25** Time: **14:00**  
 Date: **4/7/25** Time: **14:00**  
 Date: Time:

Received by: (Signature)  
*[Signature]*  
 Received by: (Signature)  
*[Signature]*  
 Received for lab by: (Signature)  
*Andy Muehan*

Trip Blank Received: Yes / No  
 HCL / MeOH  
 TBR

Temp: °C Bottles Received:  
**66 60.2 + 0.4 = 0.6 39**

Date: **04/08/2025** Time: **0800**

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

If preservation required by Login: Date/Time

Hold: Condition: **(OK)**