

Chevron - CO

Sample Delivery Group: L1861365
Samples Received: 05/21/2025
Project Number:
Description: Noble - Cornelius 63N65W 11SWNW
Site: REM. # - 28380
Report To: Paul H.
2115 117th Avenue
Greeley, CO 80631

Entire Report Reviewed By:



Chris Ward
Project Manager

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

Pace Analytical National

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

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
MW-1 8FT L1861365-01	8
MW-2 6FT L1861365-02	10
MW-3 6FT L1861365-03	12
MW-4 6FT L1861365-04	14
MW-5 6FT L1861365-05	16
MW-1 6FT L1861365-06	18
MW-2 10FT L1861365-07	20
MW-3 7FT L1861365-08	22
MW-4 16FT L1861365-09	24
MW-5 16FT L1861365-10	26
MW-1 L1861365-11	28
MW-2 L1861365-12	29
MW-3 L1861365-13	30
MW-4 L1861365-14	31
MW-5 L1861365-15	32
Qc: Quality Control Summary	33
Gravimetric Analysis by Method 2540 C-2011	33
Wet Chemistry by Method 7199	34
Wet Chemistry by Method 9045D	36
Wet Chemistry by Method 9050AMod	41
Wet Chemistry by Method 9056A	46
Metals (ICP) by Method 6010B-NE493 Ch 2	48
Metals (ICPMS) by Method 6020	52
Volatile Organic Compounds (GC) by Method 8015D	54
Volatile Organic Compounds (GC/MS) by Method 8260B	58
Volatile Organic Compounds (GC/MS) by Method 8260D	60
Semi-Volatile Organic Compounds (GC) by Method 8015M	63
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	65
Gl: Glossary of Terms	69
Al: Accreditations & Locations	70
Sc: Sample Chain of Custody	71



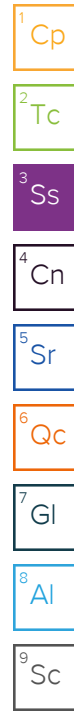
SAMPLE SUMMARY

MW-1 8FT L1861365-01

Collected by
Collected date/time
Received date/time

05/20/25 09:20 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523733	1	05/28/25 10:34	05/28/25 10:34	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 18:36	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525182	1	05/28/25 09:00	05/28/25 10:33	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525187	1	05/28/25 10:26	05/28/25 15:29	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523738	1	05/27/25 19:43	05/28/25 11:54	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523170	5	05/29/25 07:57	06/03/25 21:47	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523018	1	05/22/25 15:56	05/25/25 08:04	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521703	1	05/22/25 15:56	05/23/25 13:05	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 17:58	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 02:13	TKW	Mt. Juliet, TN



MW-2 6FT L1861365-02

Collected by
Collected date/time
Received date/time

05/20/25 09:05 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523733	1	05/28/25 10:37	05/28/25 10:37	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 18:45	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525254	1	05/28/25 11:53	05/28/25 14:22	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525263	1	05/28/25 11:54	05/28/25 22:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523738	1	05/27/25 19:43	05/28/25 11:57	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 14:50	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523018	1	05/22/25 15:56	05/25/25 08:28	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521703	1	05/22/25 15:56	05/23/25 12:45	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2524175	1	05/22/25 15:56	05/28/25 09:20	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 15:48	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 02:31	TKW	Mt. Juliet, TN

MW-3 6FT L1861365-03

Collected by
Collected date/time
Received date/time

05/20/25 10:00 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523733	1	05/28/25 10:45	05/28/25 10:45	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 18:54	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525254	1	05/28/25 11:53	05/28/25 14:22	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525263	1	05/28/25 11:54	05/28/25 22:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523738	1	05/27/25 19:43	05/28/25 12:00	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 14:54	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2525469	50	05/22/25 15:56	05/28/25 15:19	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2521703	1	05/22/25 15:56	05/23/25 12:26	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2524175	8	05/22/25 15:56	05/28/25 09:39	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 16:02	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 02:48	TKW	Mt. Juliet, TN

MW-4 6FT L1861365-04

Collected by
Collected date/time
Received date/time

05/20/25 11:00 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523733	1	05/28/25 10:48	05/28/25 10:48	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 19:12	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525272	1	05/28/25 16:26	05/28/25 16:30	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525266	1	05/29/25 00:28	05/29/25 00:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523738	1	05/27/25 19:43	05/28/25 12:02	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 14:57	JPD	Mt. Juliet, TN

SAMPLE SUMMARY

MW-4 6FT L1861365-04

Collected by
Collected date/time
Received date/time

05/20/25 11:00 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2523458	1	05/22/25 15:56	05/25/25 16:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/22/25 15:56	05/24/25 09:22	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 16:17	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 03:05	TKW	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

MW-5 6FT L1861365-05

Collected by
Collected date/time
Received date/time

05/20/25 09:40 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523733	1	05/28/25 10:51	05/28/25 10:51	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 19:21	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525272	1	05/28/25 16:26	05/28/25 16:30	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525266	1	05/29/25 00:28	05/29/25 00:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523738	1	05/27/25 19:43	05/28/25 12:05	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 15:00	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523458	1	05/22/25 15:56	05/25/25 16:52	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/22/25 15:56	05/24/25 09:41	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 16:31	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 03:23	TKW	Mt. Juliet, TN

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-1 6FT L1861365-06

Collected by
Collected date/time
Received date/time

05/20/25 09:25 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523739	1	05/30/25 03:59	05/30/25 03:59	RLS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521475	1	05/26/25 03:00	06/01/25 19:30	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2526882	1	05/30/25 07:01	05/30/25 07:24	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2526883	1	05/30/25 07:03	05/30/25 15:44	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523741	1	05/29/25 10:57	05/29/25 18:09	JTM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 15:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523458	1	05/23/25 08:23	05/25/25 17:16	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/23/25 08:23	05/24/25 10:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 17:29	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 03:40	TKW	Mt. Juliet, TN

MW-2 10FT L1861365-07

Collected by
Collected date/time
Received date/time

05/20/25 09:05 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523735	1	05/28/25 15:01	05/28/25 15:01	RLS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521479	1	05/25/25 13:58	05/28/25 17:15	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525058	1	05/28/25 07:00	05/28/25 08:42	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525076	1	05/28/25 08:33	05/28/25 14:57	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523737	1	05/29/25 13:47	05/29/25 19:49	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523174	5	05/29/25 07:58	06/03/25 15:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523458	1	05/23/25 08:23	05/25/25 17:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/23/25 08:23	05/24/25 10:20	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524803	1	05/28/25 07:52	05/28/25 17:44	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2521169	1	05/27/25 10:05	05/28/25 03:58	TKW	Mt. Juliet, TN

SAMPLE SUMMARY

MW-3 7FT L1861365-08

Collected by
Collected date/time
Received date/time

05/20/25 10:05 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523735	1	05/28/25 15:04	05/28/25 15:04	RLS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521479	1	05/25/25 13:58	05/28/25 17:24	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525058	1	05/28/25 07:00	05/28/25 08:42	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525076	1	05/28/25 08:33	05/28/25 14:57	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523737	1	05/29/25 13:47	05/29/25 19:51	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523170	5	05/29/25 07:57	06/03/25 21:51	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2525469	25	05/23/25 08:23	05/28/25 14:56	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/23/25 08:23	05/24/25 10:40	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524805	1	05/29/25 07:42	05/29/25 17:08	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2524213	1	05/27/25 10:08	05/27/25 17:20	TKW	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

MW-4 16FT L1861365-09

Collected by
Collected date/time
Received date/time

05/20/25 11:05 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523744	1	05/28/25 16:26	05/28/25 16:26	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521479	1	05/25/25 13:58	05/28/25 17:51	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525254	1	05/28/25 11:53	05/28/25 14:22	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525263	1	05/28/25 11:54	05/28/25 22:40	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523746	1	05/29/25 13:53	05/29/25 20:28	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523170	5	05/29/25 07:57	06/03/25 21:54	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2525126	1	05/23/25 08:23	05/28/25 19:34	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/23/25 08:23	05/24/25 10:59	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524805	1	05/29/25 07:42	05/29/25 17:21	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2524213	1	05/27/25 10:08	05/27/25 17:38	TKW	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

MW-5 16FT L1861365-10

Collected by
Collected date/time
Received date/time

05/20/25 09:45 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2523735	1	05/28/25 15:13	05/28/25 15:13	RLS	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2521479	1	05/25/25 13:58	05/28/25 18:00	ANW	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2525058	1	05/28/25 07:00	05/28/25 08:42	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2525076	1	05/28/25 08:33	05/28/25 14:57	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2523737	1	05/29/25 13:47	05/29/25 19:52	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2523170	5	05/29/25 07:57	06/03/25 21:57	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2523458	1	05/23/25 08:23	05/25/25 19:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2522464	1	05/23/25 08:23	05/24/25 11:19	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2524805	1	05/29/25 07:42	05/29/25 17:34	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2524213	1	05/27/25 10:08	05/27/25 17:56	TKW	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

05/20/25 12:30 05/21/25 11:45

MW-1 L1861365-11

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2521998	1	05/23/25 13:21	05/24/25 08:33	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2520450	10	05/29/25 00:15	05/29/25 00:15	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520674	1	05/22/25 10:37	05/22/25 10:37	DYW	Mt. Juliet, TN

SAMPLE SUMMARY

MW-2 L1861365-12

Collected by
Collected date/time
Received date/time
05/20/25 12:19 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2521998	1	05/23/25 13:21	05/24/25 08:33	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2520450	10	05/29/25 00:28	05/29/25 00:28	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520674	1	05/22/25 10:59	05/22/25 10:59	DYW	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-3 L1861365-13

Collected by
Collected date/time
Received date/time
05/20/25 12:09 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2521998	1	05/23/25 13:21	05/24/25 08:33	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2520450	10	05/29/25 00:41	05/29/25 00:41	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2520674	1	05/22/25 11:22	05/22/25 11:22	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2524934	25	05/28/25 05:43	05/28/25 05:43	KST	Mt. Juliet, TN

MW-4 L1861365-14

Collected by
Collected date/time
Received date/time
05/20/25 12:09 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2521998	1	05/23/25 13:21	05/24/25 08:33	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2520450	10	05/29/25 00:53	05/29/25 00:53	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2524934	1	05/28/25 06:05	05/28/25 06:05	KST	Mt. Juliet, TN

MW-5 L1861365-15

Collected by
Collected date/time
Received date/time
05/20/25 11:53 05/21/25 11:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2521998	1	05/23/25 13:21	05/24/25 08:33	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2520450	10	05/29/25 01:06	05/29/25 01:06	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2524934	1	05/28/25 06:27	05/28/25 06:27	KST	Mt. Juliet, TN

CASE NARRATIVE

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



Chris Ward
Project Manager

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

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.25		1	05/28/2025 10:34	WG2523733

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	06/01/2025 18:36	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.69		1	05/28/2025 10:33	WG2525182

Sample Narrative:

L1861365-01 WG2525182: 8.69 at 23C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.397	mmhos/cm		0.0100	1	05/28/2025 15:29	WG2525187

Sample Narrative:

L1861365-01 WG2525187: at 25C

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

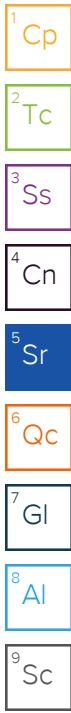
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.220		0.200	1	05/28/2025 11:54	WG2523738

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.44		0.100	5	06/03/2025 21:47	WG2523170
Barium	38.1		10.0	5	06/03/2025 21:47	WG2523170
Cadmium	ND		0.100	5	06/03/2025 21:47	WG2523170
Copper	ND		10.0	5	06/03/2025 21:47	WG2523170
Lead	ND		10.0	5	06/03/2025 21:47	WG2523170
Nickel	ND		10.0	5	06/03/2025 21:47	WG2523170
Selenium	ND		0.100	5	06/03/2025 21:47	WG2523170
Silver	ND		0.500	5	06/03/2025 21:47	WG2523170
Zinc	ND		50.0	5	06/03/2025 21:47	WG2523170

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	1.17		0.100	1	05/25/2025 08:04	WG2523018
(S) a, a, a-Trifluorotoluene(FID)	96.4		77.0-120		05/25/2025 08:04	WG2523018



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/23/2025 13:05	WG2521703
Ethylbenzene	ND		0.0100	1	05/23/2025 13:05	WG2521703
Toluene	ND		0.0100	1	05/23/2025 13:05	WG2521703
1,2,4-Trimethylbenzene	ND		0.00500	1	05/23/2025 13:05	WG2521703
1,3,5-Trimethylbenzene	ND		0.00500	1	05/23/2025 13:05	WG2521703
Xylenes, Total	ND		0.100	1	05/23/2025 13:05	WG2521703
(S) Toluene-d8	101		75.0-131		05/23/2025 13:05	WG2521703
(S) 4-Bromofluorobenzene	107		67.0-138		05/23/2025 13:05	WG2521703
(S) 1,2-Dichloroethane-d4	88.1		70.0-130		05/23/2025 13:05	WG2521703

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/28/2025 17:58	WG2524803
C28-C36 Motor Oil Range	ND		4.00	1	05/28/2025 17:58	WG2524803
(S) o-Terphenyl	58.7		18.0-148		05/28/2025 17:58	WG2524803

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 02:13	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 02:13	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 02:13	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 02:13	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 02:13	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 02:13	WG2521169
(S) p-Terphenyl-d14	90.6		23.0-120		05/28/2025 02:13	WG2521169
(S) Nitrobenzene-d5	70.9		14.0-149		05/28/2025 02:13	WG2521169
(S) 2-Fluorobiphenyl	87.6		34.0-125		05/28/2025 02:13	WG2521169

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	0.222		1	05/28/2025 10:37	WG2523733

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	06/01/2025 18:45	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.79		1	05/28/2025 14:22	WG2525254

Sample Narrative:

L1861365-02 WG2525254: 7.79 at 23.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.181	mmhos/cm		0.0100	1	05/28/2025 22:40	WG2525263

Sample Narrative:

L1861365-02 WG2525263: at 25C

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/28/2025 11:57	WG2523738

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.43		0.100	5	06/03/2025 14:50	WG2523174
Barium	42.8		10.0	5	06/03/2025 14:50	WG2523174
Cadmium	ND		0.100	5	06/03/2025 14:50	WG2523174
Copper	ND		10.0	5	06/03/2025 14:50	WG2523174
Lead	ND		10.0	5	06/03/2025 14:50	WG2523174
Nickel	ND		10.0	5	06/03/2025 14:50	WG2523174
Selenium	0.181		0.100	5	06/03/2025 14:50	WG2523174
Silver	ND		0.500	5	06/03/2025 14:50	WG2523174
Zinc	ND		50.0	5	06/03/2025 14:50	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/25/2025 08:28	WG2523018
(S) a, a, a-Trifluorotoluene(FID)	111		77.0-120		05/25/2025 08:28	WG2523018



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/23/2025 12:45	WG2521703
Ethylbenzene	ND		0.0100	1	05/23/2025 12:45	WG2521703
Toluene	ND		0.0100	1	05/23/2025 12:45	WG2521703
1,2,4-Trimethylbenzene	ND		0.00500	1	05/28/2025 09:20	WG2524175
1,3,5-Trimethylbenzene	ND		0.00500	1	05/28/2025 09:20	WG2524175
Xylenes, Total	ND		0.100	1	05/23/2025 12:45	WG2521703
(S) Toluene-d8	99.8		75.0-131		05/23/2025 12:45	WG2521703
(S) Toluene-d8	98.8		75.0-131		05/28/2025 09:20	WG2524175
(S) 4-Bromofluorobenzene	109		67.0-138		05/23/2025 12:45	WG2521703
(S) 4-Bromofluorobenzene	105		67.0-138		05/28/2025 09:20	WG2524175
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		05/23/2025 12:45	WG2521703
(S) 1,2-Dichloroethane-d4	91.4		70.0-130		05/28/2025 09:20	WG2524175

- 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	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/28/2025 15:48	WG2524803
C28-C36 Motor Oil Range	ND		4.00	1	05/28/2025 15:48	WG2524803
(S) o-Terphenyl	63.6		18.0-148		05/28/2025 15:48	WG2524803

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 02:31	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 02:31	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 02:31	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 02:31	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 02:31	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 02:31	WG2521169
(S) p-Terphenyl-d14	86.3		23.0-120		05/28/2025 02:31	WG2521169
(S) Nitrobenzene-d5	68.8		14.0-149		05/28/2025 02:31	WG2521169
(S) 2-Fluorobiphenyl	80.7		34.0-125		05/28/2025 02:31	WG2521169

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.668		1	05/28/2025 10:45	WG2523733

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	P1	0.200	1	06/01/2025 18:54	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.45		1	05/28/2025 14:22	WG2525254

Sample Narrative:

L1861365-03 WG2525254: 7.45 at 23.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.200	mmhos/cm		0.0100	1	05/28/2025 22:40	WG2525263

Sample Narrative:

L1861365-03 WG2525263: at 25C

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

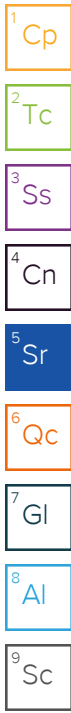
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/28/2025 12:00	WG2523738

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.55		0.100	5	06/03/2025 14:54	WG2523174
Barium	132		10.0	5	06/03/2025 14:54	WG2523174
Cadmium	0.126		0.100	5	06/03/2025 14:54	WG2523174
Copper	14.6		10.0	5	06/03/2025 14:54	WG2523174
Lead	11.7		10.0	5	06/03/2025 14:54	WG2523174
Nickel	12.8		10.0	5	06/03/2025 14:54	WG2523174
Selenium	0.345		0.100	5	06/03/2025 14:54	WG2523174
Silver	ND		0.500	5	06/03/2025 14:54	WG2523174
Zinc	57.1		50.0	5	06/03/2025 14:54	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	239		5.00	50	05/28/2025 15:19	WG2525469
(S) a, a, a-Trifluorotoluene(FID)	95.9		77.0-120		05/28/2025 15:19	WG2525469



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/23/2025 12:26	WG2521703
Ethylbenzene	0.249		0.0100	1	05/23/2025 12:26	WG2521703
Toluene	ND		0.0100	1	05/23/2025 12:26	WG2521703
1,2,4-Trimethylbenzene	5.38		0.0400	8	05/28/2025 09:39	WG2524175
1,3,5-Trimethylbenzene	2.36		0.0400	8	05/28/2025 09:39	WG2524175
Xylenes, Total	0.831		0.100	1	05/23/2025 12:26	WG2521703
(S) Toluene-d8	58.2	J2	75.0-131		05/23/2025 12:26	WG2521703
(S) Toluene-d8	89.6		75.0-131		05/28/2025 09:39	WG2524175
(S) 4-Bromofluorobenzene	55.5	J2	67.0-138		05/23/2025 12:26	WG2521703
(S) 4-Bromofluorobenzene	100		67.0-138		05/28/2025 09:39	WG2524175
(S) 1,2-Dichloroethane-d4	80.7		70.0-130		05/23/2025 12:26	WG2521703
(S) 1,2-Dichloroethane-d4	89.4		70.0-130		05/28/2025 09:39	WG2524175

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	Qualifier	RDL	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	71.3		4.00	1	05/28/2025 16:02	WG2524803
C28-C36 Motor Oil Range	6.93		4.00	1	05/28/2025 16:02	WG2524803
(S) o-Terphenyl	52.6		18.0-148		05/28/2025 16:02	WG2524803

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 02:48	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Naphthalene	0.0705		0.00300	1	05/28/2025 02:48	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 02:48	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 02:48	WG2521169
1-Methylnaphthalene	0.112		0.00300	1	05/28/2025 02:48	WG2521169
2-Methylnaphthalene	0.291		0.0120	1	05/28/2025 02:48	WG2521169
(S) p-Terphenyl-d14	88.2		23.0-120		05/28/2025 02:48	WG2521169
(S) Nitrobenzene-d5	0.000	J2	14.0-149		05/28/2025 02:48	WG2521169
(S) 2-Fluorobiphenyl	83.8		34.0-125		05/28/2025 02:48	WG2521169

Sample Narrative:

L1861365-03 WG2521169: Surrogate failure due to matrix interference

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.16		1	05/28/2025 10:48	WG2523733

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	06/01/2025 19:12	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.13		1	05/28/2025 16:30	WG2525272

Sample Narrative:

L1861365-04 WG2525272: 8.13 at 23.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.329	mmhos/cm		0.0100	1	05/29/2025 00:45	WG2525266

Sample Narrative:

L1861365-04 WG2525266: at 25C

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

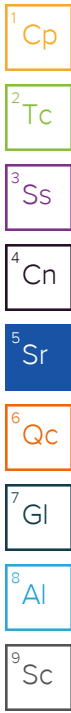
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/28/2025 12:02	WG2523738

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.43		0.100	5	06/03/2025 14:57	WG2523174
Barium	54.9		10.0	5	06/03/2025 14:57	WG2523174
Cadmium	ND		0.100	5	06/03/2025 14:57	WG2523174
Copper	ND		10.0	5	06/03/2025 14:57	WG2523174
Lead	ND		10.0	5	06/03/2025 14:57	WG2523174
Nickel	ND		10.0	5	06/03/2025 14:57	WG2523174
Selenium	0.173		0.100	5	06/03/2025 14:57	WG2523174
Silver	ND		0.500	5	06/03/2025 14:57	WG2523174
Zinc	ND		50.0	5	06/03/2025 14:57	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/25/2025 16:29	WG2523458
(S) a, a, a-Trifluorotoluene(FID)	104		77.0-120		05/25/2025 16:29	WG2523458



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 09:22	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 09:22	WG2522464
Toluene	ND		0.0100	1	05/24/2025 09:22	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 09:22	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 09:22	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 09:22	WG2522464
(S) Toluene-d8	101		75.0-131		05/24/2025 09:22	WG2522464
(S) 4-Bromofluorobenzene	108		67.0-138		05/24/2025 09:22	WG2522464
(S) 1,2-Dichloroethane-d4	89.4		70.0-130		05/24/2025 09:22	WG2522464

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	77.0		4.00	1	05/28/2025 16:17	WG2524803
C28-C36 Motor Oil Range	89.3		4.00	1	05/28/2025 16:17	WG2524803
(S) o-Terphenyl	58.7		18.0-148		05/28/2025 16:17	WG2524803

6 Qc

7 Gl

8 Al

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 03:05	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 03:05	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 03:05	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 03:05	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 03:05	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 03:05	WG2521169
(S) p-Terphenyl-d14	88.0		23.0-120		05/28/2025 03:05	WG2521169
(S) Nitrobenzene-d5	81.2		14.0-149		05/28/2025 03:05	WG2521169
(S) 2-Fluorobiphenyl	88.0		34.0-125		05/28/2025 03:05	WG2521169

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.217		1	05/28/2025 10:51	WG2523733

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	06/01/2025 19:21	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.99		1	05/28/2025 16:30	WG2525272

Sample Narrative:

L1861365-05 WG2525272: 6.99 at 23.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.363	mmhos/cm		0.0100	1	05/29/2025 00:45	WG2525266

Sample Narrative:

L1861365-05 WG2525266: at 25C

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

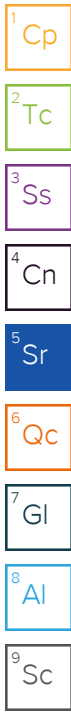
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/28/2025 12:05	WG2523738

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.38		0.100	5	06/03/2025 15:00	WG2523174
Barium	62.2		10.0	5	06/03/2025 15:00	WG2523174
Cadmium	ND		0.100	5	06/03/2025 15:00	WG2523174
Copper	ND		10.0	5	06/03/2025 15:00	WG2523174
Lead	ND		10.0	5	06/03/2025 15:00	WG2523174
Nickel	ND		10.0	5	06/03/2025 15:00	WG2523174
Selenium	0.194		0.100	5	06/03/2025 15:00	WG2523174
Silver	ND		0.500	5	06/03/2025 15:00	WG2523174
Zinc	ND		50.0	5	06/03/2025 15:00	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/25/2025 16:52	WG2523458
(S) a, a, a-Trifluorotoluene(FID)	104		77.0-120		05/25/2025 16:52	WG2523458



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 09:41	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 09:41	WG2522464
Toluene	ND		0.0100	1	05/24/2025 09:41	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 09:41	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 09:41	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 09:41	WG2522464
(S) Toluene-d8	99.6		75.0-131		05/24/2025 09:41	WG2522464
(S) 4-Bromofluorobenzene	105		67.0-138		05/24/2025 09:41	WG2522464
(S) 1,2-Dichloroethane-d4	91.9		70.0-130		05/24/2025 09:41	WG2522464

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	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/28/2025 16:31	WG2524803
C28-C36 Motor Oil Range	ND		4.00	1	05/28/2025 16:31	WG2524803
(S) o-Terphenyl	62.5		18.0-148		05/28/2025 16:31	WG2524803

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 03:23	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 03:23	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 03:23	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 03:23	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 03:23	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 03:23	WG2521169
(S) p-Terphenyl-d14	97.9		23.0-120		05/28/2025 03:23	WG2521169
(S) Nitrobenzene-d5	79.1		14.0-149		05/28/2025 03:23	WG2521169
(S) 2-Fluorobiphenyl	93.0		34.0-125		05/28/2025 03:23	WG2521169

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.428		1	05/30/2025 03:59	WG2523739

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	06/01/2025 19:30	WG2521475

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.19		1	05/30/2025 07:24	WG2526882

Sample Narrative:

L1861365-06 WG2526882: 8.19 at 21.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.211	mmhos/cm		0.0100	1	05/30/2025 15:44	WG2526883

Sample Narrative:

L1861365-06 WG2526883: at 25C

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

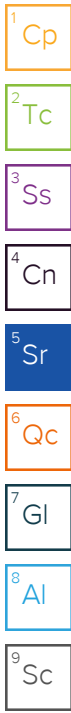
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/29/2025 18:09	WG2523741

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.60		0.100	5	06/03/2025 15:03	WG2523174
Barium	48.4		10.0	5	06/03/2025 15:03	WG2523174
Cadmium	ND		0.100	5	06/03/2025 15:03	WG2523174
Copper	ND		10.0	5	06/03/2025 15:03	WG2523174
Lead	ND		10.0	5	06/03/2025 15:03	WG2523174
Nickel	ND		10.0	5	06/03/2025 15:03	WG2523174
Selenium	0.138		0.100	5	06/03/2025 15:03	WG2523174
Silver	ND		0.500	5	06/03/2025 15:03	WG2523174
Zinc	ND		50.0	5	06/03/2025 15:03	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/25/2025 17:16	WG2523458
(S) a, a, a-Trifluorotoluene(FID)	105		77.0-120		05/25/2025 17:16	WG2523458



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 10:01	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 10:01	WG2522464
Toluene	ND		0.0100	1	05/24/2025 10:01	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:01	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:01	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 10:01	WG2522464
(S) Toluene-d8	101		75.0-131		05/24/2025 10:01	WG2522464
(S) 4-Bromofluorobenzene	105		67.0-138		05/24/2025 10:01	WG2522464
(S) 1,2-Dichloroethane-d4	89.6		70.0-130		05/24/2025 10:01	WG2522464

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	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/28/2025 17:29	WG2524803
C28-C36 Motor Oil Range	ND		4.00	1	05/28/2025 17:29	WG2524803
(S) o-Terphenyl	60.9		18.0-148		05/28/2025 17:29	WG2524803

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 03:40	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 03:40	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 03:40	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 03:40	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 03:40	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 03:40	WG2521169
(S) p-Terphenyl-d14	79.9		23.0-120		05/28/2025 03:40	WG2521169
(S) Nitrobenzene-d5	64.2		14.0-149		05/28/2025 03:40	WG2521169
(S) 2-Fluorobiphenyl	77.6		34.0-125		05/28/2025 03:40	WG2521169

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.97		1	05/28/2025 15:01	WG2523735

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	05/28/2025 17:15	WG2521479

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.74		1	05/28/2025 08:42	WG2525058

Sample Narrative:

L1861365-07 WG2525058: 8.74 at 22.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.498	mmhos/cm		0.0100	1	05/28/2025 14:57	WG2525076

Sample Narrative:

L1861365-07 WG2525076: at 25C

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

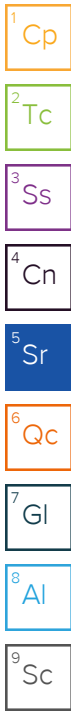
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.239		0.200	1	05/29/2025 19:49	WG2523737

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.08		0.100	5	06/03/2025 15:06	WG2523174
Barium	83.0		10.0	5	06/03/2025 15:06	WG2523174
Cadmium	ND		0.100	5	06/03/2025 15:06	WG2523174
Copper	ND		10.0	5	06/03/2025 15:06	WG2523174
Lead	ND		10.0	5	06/03/2025 15:06	WG2523174
Nickel	ND		10.0	5	06/03/2025 15:06	WG2523174
Selenium	0.196		0.100	5	06/03/2025 15:06	WG2523174
Silver	ND		0.500	5	06/03/2025 15:06	WG2523174
Zinc	ND		50.0	5	06/03/2025 15:06	WG2523174

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.311		0.100	1	05/25/2025 17:38	WG2523458
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		05/25/2025 17:38	WG2523458



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 10:20	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 10:20	WG2522464
Toluene	ND		0.0100	1	05/24/2025 10:20	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:20	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:20	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 10:20	WG2522464
(S) Toluene-d8	99.7		75.0-131		05/24/2025 10:20	WG2522464
(S) 4-Bromofluorobenzene	108		67.0-138		05/24/2025 10:20	WG2522464
(S) 1,2-Dichloroethane-d4	91.6		70.0-130		05/24/2025 10:20	WG2522464

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/28/2025 17:44	WG2524803
C28-C36 Motor Oil Range	ND		4.00	1	05/28/2025 17:44	WG2524803
(S) o-Terphenyl	43.7		18.0-148		05/28/2025 17:44	WG2524803

6 Qc

7 Gl

8 Al

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Acenaphthene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Acenaphthylene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Benzo(a)anthracene	ND		0.00600	1	05/28/2025 03:58	WG2521169
Benzo(a)pyrene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Benzo(b)fluoranthene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Benzo(g,h,i)perylene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Benzo(k)fluoranthene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Chrysene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Dibenz(a,h)anthracene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Fluoranthene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Fluorene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Naphthalene	ND		0.00300	1	05/28/2025 03:58	WG2521169
Phenanthrene	ND		0.0330	1	05/28/2025 03:58	WG2521169
Pyrene	ND		0.0330	1	05/28/2025 03:58	WG2521169
1-Methylnaphthalene	ND		0.00300	1	05/28/2025 03:58	WG2521169
2-Methylnaphthalene	ND		0.0120	1	05/28/2025 03:58	WG2521169
(S) p-Terphenyl-d14	97.2		23.0-120		05/28/2025 03:58	WG2521169
(S) Nitrobenzene-d5	87.2		14.0-149		05/28/2025 03:58	WG2521169
(S) 2-Fluorobiphenyl	90.9		34.0-125		05/28/2025 03:58	WG2521169

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.62		1	05/28/2025 15:04	WG2523735

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	05/28/2025 17:24	WG2521479

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.89		1	05/28/2025 08:42	WG2525058

Sample Narrative:

L1861365-08 WG2525058: 8.89 at 22.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.742	mmhos/cm		0.0100	1	05/28/2025 14:57	WG2525076

Sample Narrative:

L1861365-08 WG2525076: at 25C

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

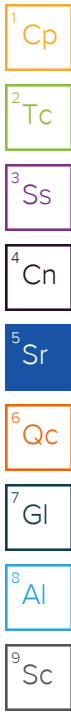
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.213		0.200	1	05/29/2025 19:51	WG2523737

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.638		0.100	5	06/03/2025 21:51	WG2523170
Barium	76.2		10.0	5	06/03/2025 21:51	WG2523170
Cadmium	0.141		0.100	5	06/03/2025 21:51	WG2523170
Copper	ND		10.0	5	06/03/2025 21:51	WG2523170
Lead	ND		10.0	5	06/03/2025 21:51	WG2523170
Nickel	ND		10.0	5	06/03/2025 21:51	WG2523170
Selenium	0.114		0.100	5	06/03/2025 21:51	WG2523170
Silver	ND		0.500	5	06/03/2025 21:51	WG2523170
Zinc	ND		50.0	5	06/03/2025 21:51	WG2523170

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	127		2.50	25	05/28/2025 14:56	WG2525469
(S) a, a, a-Trifluorotoluene(FID)	98.3		77.0-120		05/28/2025 14:56	WG2525469



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 10:40	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 10:40	WG2522464
Toluene	ND		0.0100	1	05/24/2025 10:40	WG2522464
1,2,4-Trimethylbenzene	0.308		0.00500	1	05/24/2025 10:40	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:40	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 10:40	WG2522464
(S) Toluene-d8	98.6		75.0-131		05/24/2025 10:40	WG2522464
(S) 4-Bromofluorobenzene	107		67.0-138		05/24/2025 10:40	WG2522464
(S) 1,2-Dichloroethane-d4	86.5		70.0-130		05/24/2025 10:40	WG2522464

- 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	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7.18		4.00	1	05/29/2025 17:08	WG2524805
C28-C36 Motor Oil Range	ND		4.00	1	05/29/2025 17:08	WG2524805
(S) o-Terphenyl	48.6		18.0-148		05/29/2025 17:08	WG2524805

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Acenaphthene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Acenaphthylene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Benzo(a)anthracene	ND		0.00600	1	05/27/2025 17:20	WG2524213
Benzo(a)pyrene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Benzo(b)fluoranthene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Benzo(g,h,i)perylene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Benzo(k)fluoranthene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Chrysene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Dibenz(a,h)anthracene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Fluoranthene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Fluorene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Naphthalene	ND		0.00300	1	05/27/2025 17:20	WG2524213
Phenanthrene	ND		0.0330	1	05/27/2025 17:20	WG2524213
Pyrene	ND		0.0330	1	05/27/2025 17:20	WG2524213
1-Methylnaphthalene	ND		0.00300	1	05/27/2025 17:20	WG2524213
2-Methylnaphthalene	ND		0.0120	1	05/27/2025 17:20	WG2524213
(S) p-Terphenyl-d14	81.4		23.0-120		05/27/2025 17:20	WG2524213
(S) Nitrobenzene-d5	97.4		14.0-149		05/27/2025 17:20	WG2524213
(S) 2-Fluorobiphenyl	87.3		34.0-125		05/27/2025 17:20	WG2524213

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.21		1	05/28/2025 16:26	WG2523744

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	05/28/2025 17:51	WG2521479

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.56		1	05/28/2025 14:22	WG2525254

Sample Narrative:

L1861365-09 WG2525254: 8.56 at 23.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.354	mmhos/cm		0.0100	1	05/28/2025 22:40	WG2525263

Sample Narrative:

L1861365-09 WG2525263: at 25C

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

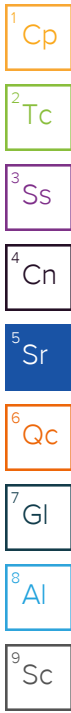
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/29/2025 20:28	WG2523746

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.83		0.100	5	06/03/2025 21:54	WG2523170
Barium	76.5		10.0	5	06/03/2025 21:54	WG2523170
Cadmium	ND		0.100	5	06/03/2025 21:54	WG2523170
Copper	ND		10.0	5	06/03/2025 21:54	WG2523170
Lead	ND		10.0	5	06/03/2025 21:54	WG2523170
Nickel	ND		10.0	5	06/03/2025 21:54	WG2523170
Selenium	0.148		0.100	5	06/03/2025 21:54	WG2523170
Silver	ND		0.500	5	06/03/2025 21:54	WG2523170
Zinc	ND		50.0	5	06/03/2025 21:54	WG2523170

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/28/2025 19:34	WG2525126
(S) a, a, a-Trifluorotoluene(FID)	100		77.0-120		05/28/2025 19:34	WG2525126



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 10:59	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 10:59	WG2522464
Toluene	ND		0.0100	1	05/24/2025 10:59	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:59	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 10:59	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 10:59	WG2522464
(S) Toluene-d8	102		75.0-131		05/24/2025 10:59	WG2522464
(S) 4-Bromofluorobenzene	107		67.0-138		05/24/2025 10:59	WG2522464
(S) 1,2-Dichloroethane-d4	84.5		70.0-130		05/24/2025 10:59	WG2522464

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	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/29/2025 17:21	WG2524805
C28-C36 Motor Oil Range	ND		4.00	1	05/29/2025 17:21	WG2524805
(S) o-Terphenyl	45.8		18.0-148		05/29/2025 17:21	WG2524805

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Acenaphthene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Acenaphthylene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Benzo(a)anthracene	ND		0.00600	1	05/27/2025 17:38	WG2524213
Benzo(a)pyrene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Benzo(b)fluoranthene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Benzo(g,h,i)perylene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Benzo(k)fluoranthene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Chrysene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Dibenz(a,h)anthracene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Fluoranthene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Fluorene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Naphthalene	ND		0.00300	1	05/27/2025 17:38	WG2524213
Phenanthrene	ND		0.0330	1	05/27/2025 17:38	WG2524213
Pyrene	ND		0.0330	1	05/27/2025 17:38	WG2524213
1-Methylnaphthalene	ND		0.00300	1	05/27/2025 17:38	WG2524213
2-Methylnaphthalene	ND		0.0120	1	05/27/2025 17:38	WG2524213
(S) p-Terphenyl-d14	66.3		23.0-120		05/27/2025 17:38	WG2524213
(S) Nitrobenzene-d5	63.8		14.0-149		05/27/2025 17:38	WG2524213
(S) 2-Fluorobiphenyl	73.1		34.0-125		05/27/2025 17:38	WG2524213

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.13		1	05/28/2025 15:13	WG2523735

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	05/28/2025 18:00	WG2521479

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.55		1	05/28/2025 08:42	WG2525058

Sample Narrative:

L1861365-10 WG2525058: 8.55 at 23.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.356	mmhos/cm		0.0100	1	05/28/2025 14:57	WG2525076

Sample Narrative:

L1861365-10 WG2525076: at 25C

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

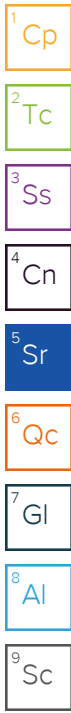
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.200	1	05/29/2025 19:52	WG2523737

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.21		0.100	5	06/03/2025 21:57	WG2523170
Barium	64.2		10.0	5	06/03/2025 21:57	WG2523170
Cadmium	ND		0.100	5	06/03/2025 21:57	WG2523170
Copper	ND		10.0	5	06/03/2025 21:57	WG2523170
Lead	ND		10.0	5	06/03/2025 21:57	WG2523170
Nickel	ND		10.0	5	06/03/2025 21:57	WG2523170
Selenium	0.135		0.100	5	06/03/2025 21:57	WG2523170
Silver	ND		0.500	5	06/03/2025 21:57	WG2523170
Zinc	ND		50.0	5	06/03/2025 21:57	WG2523170

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	05/25/2025 19:17	WG2523458
(S) a, a, a-Trifluorotoluene(FID)	105		77.0-120		05/25/2025 19:17	WG2523458



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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00200	1	05/24/2025 11:19	WG2522464
Ethylbenzene	ND		0.0100	1	05/24/2025 11:19	WG2522464
Toluene	ND		0.0100	1	05/24/2025 11:19	WG2522464
1,2,4-Trimethylbenzene	ND		0.00500	1	05/24/2025 11:19	WG2522464
1,3,5-Trimethylbenzene	ND		0.00500	1	05/24/2025 11:19	WG2522464
Xylenes, Total	ND		0.100	1	05/24/2025 11:19	WG2522464
(S) Toluene-d8	101		75.0-131		05/24/2025 11:19	WG2522464
(S) 4-Bromofluorobenzene	107		67.0-138		05/24/2025 11:19	WG2522464
(S) 1,2-Dichloroethane-d4	89.1		70.0-130		05/24/2025 11:19	WG2522464

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	05/29/2025 17:34	WG2524805
C28-C36 Motor Oil Range	ND		4.00	1	05/29/2025 17:34	WG2524805
(S) o-Terphenyl	42.5		18.0-148		05/29/2025 17:34	WG2524805

6 Qc

7 Gl

8 Al

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Acenaphthene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Acenaphthylene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Benzo(a)anthracene	ND		0.00600	1	05/27/2025 17:56	WG2524213
Benzo(a)pyrene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Benzo(b)fluoranthene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Benzo(g,h,i)perylene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Benzo(k)fluoranthene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Chrysene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Dibenz(a,h)anthracene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Fluoranthene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Fluorene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Naphthalene	ND		0.00300	1	05/27/2025 17:56	WG2524213
Phenanthrene	ND		0.0330	1	05/27/2025 17:56	WG2524213
Pyrene	ND		0.0330	1	05/27/2025 17:56	WG2524213
1-Methylnaphthalene	ND		0.00300	1	05/27/2025 17:56	WG2524213
2-Methylnaphthalene	ND		0.0120	1	05/27/2025 17:56	WG2524213
(S) p-Terphenyl-d14	81.3		23.0-120		05/27/2025 17:56	WG2524213
(S) Nitrobenzene-d5	74.0		14.0-149		05/27/2025 17:56	WG2524213
(S) 2-Fluorobiphenyl	84.7		34.0-125		05/27/2025 17:56	WG2524213

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1830		50.0	1	05/24/2025 08:33	WG2521998

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	374		10.0	10	05/29/2025 00:15	WG2520450
Sulfate	512		50.0	10	05/29/2025 00:15	WG2520450

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	05/22/2025 10:37	WG2520674
Toluene	ND		1.00	1	05/22/2025 10:37	WG2520674
Ethylbenzene	ND		1.00	1	05/22/2025 10:37	WG2520674
Xylenes, Total	ND		3.00	1	05/22/2025 10:37	WG2520674
Naphthalene	ND	C3	5.00	1	05/22/2025 10:37	WG2520674
1,2,4-Trimethylbenzene	9.25		1.00	1	05/22/2025 10:37	WG2520674
1,3,5-Trimethylbenzene	1.34		1.00	1	05/22/2025 10:37	WG2520674
(S) Toluene-d8	107		80.0-120		05/22/2025 10:37	WG2520674
(S) 4-Bromofluorobenzene	104		77.0-126		05/22/2025 10:37	WG2520674
(S) 1,2-Dichloroethane-d4	119		70.0-130		05/22/2025 10:37	WG2520674

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1980		50.0	1	05/24/2025 08:33	WG2521998

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	388		10.0	10	05/29/2025 00:28	WG2520450
Sulfate	599		50.0	10	05/29/2025 00:28	WG2520450

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	05/22/2025 10:59	WG2520674
Toluene	ND		1.00	1	05/22/2025 10:59	WG2520674
Ethylbenzene	ND		1.00	1	05/22/2025 10:59	WG2520674
Xylenes, Total	ND		3.00	1	05/22/2025 10:59	WG2520674
Naphthalene	ND	C3	5.00	1	05/22/2025 10:59	WG2520674
1,2,4-Trimethylbenzene	2.22		1.00	1	05/22/2025 10:59	WG2520674
1,3,5-Trimethylbenzene	ND		1.00	1	05/22/2025 10:59	WG2520674
(S) Toluene-d8	103		80.0-120		05/22/2025 10:59	WG2520674
(S) 4-Bromofluorobenzene	95.9		77.0-126		05/22/2025 10:59	WG2520674
(S) 1,2-Dichloroethane-d4	119		70.0-130		05/22/2025 10:59	WG2520674

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1310		25.0	1	05/24/2025 08:33	WG2521998

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	266		10.0	10	05/29/2025 00:41	WG2520450
Sulfate	288		50.0	10	05/29/2025 00:41	WG2520450

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	05/22/2025 11:22	WG2520674
Toluene	ND		1.00	1	05/22/2025 11:22	WG2520674
Ethylbenzene	128		1.00	1	05/22/2025 11:22	WG2520674
Xylenes, Total	306		3.00	1	05/22/2025 11:22	WG2520674
Naphthalene	17.6	C3	5.00	1	05/22/2025 11:22	WG2520674
1,2,4-Trimethylbenzene	1040		25.0	25	05/28/2025 05:43	WG2524934
1,3,5-Trimethylbenzene	309		25.0	25	05/28/2025 05:43	WG2524934
(S) Toluene-d8	108		80.0-120		05/22/2025 11:22	WG2520674
(S) Toluene-d8	106		80.0-120		05/28/2025 05:43	WG2524934
(S) 4-Bromofluorobenzene	102		77.0-126		05/22/2025 11:22	WG2520674
(S) 4-Bromofluorobenzene	97.4		77.0-126		05/28/2025 05:43	WG2524934
(S) 1,2-Dichloroethane-d4	116		70.0-130		05/22/2025 11:22	WG2520674
(S) 1,2-Dichloroethane-d4	122		70.0-130		05/28/2025 05:43	WG2524934

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

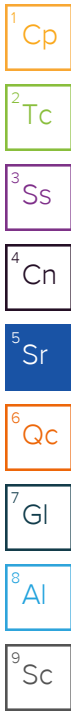
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	1700		100	1	05/24/2025 08:33	WG2521998

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	319		10.0	10	05/29/2025 00:53	WG2520450
Sulfate	458		50.0	10	05/29/2025 00:53	WG2520450

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	05/28/2025 06:05	WG2524934
Toluene	ND		1.00	1	05/28/2025 06:05	WG2524934
Ethylbenzene	ND		1.00	1	05/28/2025 06:05	WG2524934
Xylenes, Total	ND		3.00	1	05/28/2025 06:05	WG2524934
Naphthalene	ND	C3	5.00	1	05/28/2025 06:05	WG2524934
1,2,4-Trimethylbenzene	ND		1.00	1	05/28/2025 06:05	WG2524934
1,3,5-Trimethylbenzene	ND		1.00	1	05/28/2025 06:05	WG2524934
(S) Toluene-d8	108		80.0-120		05/28/2025 06:05	WG2524934
(S) 4-Bromofluorobenzene	94.9		77.0-126		05/28/2025 06:05	WG2524934
(S) 1,2-Dichloroethane-d4	124		70.0-130		05/28/2025 06:05	WG2524934



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	2200		100	1	05/24/2025 08:33	WG2521998

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Chloride	392		10.0	10	05/29/2025 01:06	WG2520450
Sulfate	604		50.0	10	05/29/2025 01:06	WG2520450

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	05/28/2025 06:27	WG2524934
Toluene	ND		1.00	1	05/28/2025 06:27	WG2524934
Ethylbenzene	ND		1.00	1	05/28/2025 06:27	WG2524934
Xylenes, Total	ND		3.00	1	05/28/2025 06:27	WG2524934
Naphthalene	ND	C3	5.00	1	05/28/2025 06:27	WG2524934
1,2,4-Trimethylbenzene	ND		1.00	1	05/28/2025 06:27	WG2524934
1,3,5-Trimethylbenzene	ND		1.00	1	05/28/2025 06:27	WG2524934
(S) Toluene-d8	107		80.0-120		05/28/2025 06:27	WG2524934
(S) 4-Bromofluorobenzene	101		77.0-126		05/28/2025 06:27	WG2524934
(S) 1,2-Dichloroethane-d4	126		70.0-130		05/28/2025 06:27	WG2524934

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

Method Blank (MB)

(MB) R4221201-1 05/24/25 08:33

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

¹Cp

²Tc

³Ss

L1861365-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1861365-11 05/24/25 08:33 • (DUP) R4221201-3 05/24/25 08:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	1830	1870	1	2.17		10

⁴Cn

⁵Sr

L1861911-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861911-02 05/24/25 08:33 • (DUP) R4221201-5 05/24/25 08:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	466	496	1	6.24		10

⁶Qc

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R4221201-2 05/24/25 08:33

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Dissolved Solids	8800	8720	99.1	90.0-110	

⁹Sc

Method Blank (MB)

(MB) R4223800-1 05/30/25 00:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.200	0.200

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1860913-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1860913-19 05/30/25 00:34 • (DUP) R4223800-3 05/30/25 00:48

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.860	1.01	1	16.0		20

L1861365-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1861365-03 06/01/25 18:54 • (DUP) R4223810-5 06/01/25 19:03

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	0.532	1	200	P1	20

Laboratory Control Sample (LCS)

(LCS) R4223800-2 05/30/25 00:24

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.62	96.2	80.0-120	

L1861081-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861081-09 06/01/25 20:47 • (MS) R4223810-3 06/01/25 16:05

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	699	0.860	606	86.6	50	75.0-125	

L1861081-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861081-09 06/01/25 20:47 • (MS) R4223810-1 06/01/25 15:48 • (MSD) R4223810-2 06/01/25 15:56

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	0.860	18.8	18.8	89.9	89.5	1	75.0-125			0.429	20

Method Blank (MB)

(MB) R4222047-1 05/28/25 14:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.200	0.200

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1859904-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1859904-01 05/28/25 14:57 • (DUP) R4222047-3 05/28/25 15:06

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	ND	0.246	1	200	P1	20

L1861378-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861378-01 05/28/25 18:09 • (DUP) R4222047-4 05/28/25 18:18

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

Laboratory Control Sample (LCS)

(LCS) R4222047-2 05/28/25 14:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.54	95.4	80.0-120	

L1861388-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861388-05 05/28/25 19:57 • (MS) R4222047-5 05/28/25 20:06 • (MSD) R4222047-6 05/28/25 20:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	20.0	ND	19.0	19.7	94.8	98.7	1	75.0-125			3.99	20

L1861388-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1861388-05 05/28/25 19:57 • (MS) R4222047-7 05/28/25 20:24

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	638	ND	689	108	50	75.0-125	

L1861347-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861347-02 05/28/25 08:42 • (DUP) R4221844-2 05/28/25 08:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.56	8.58	1	0.233		1

Sample Narrative:

OS: 8.56 at 22.8C
 DUP: 8.58 at 22.8C

L1861391-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1861391-03 05/28/25 08:42 • (DUP) R4221844-3 05/28/25 08:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.20	8.23	1	0.365		1

Sample Narrative:

OS: 8.2 at 23C
 DUP: 8.23 at 22.8C

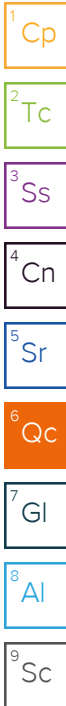
Laboratory Control Sample (LCS)

(LCS) R4221844-1 05/28/25 08:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.97	99.7	99.0-101	

Sample Narrative:

LCS: 9.97 at 22.7C



L1861365-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861365-01 05/28/25 10:33 • (DUP) R4221864-2 05/28/25 10:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.69	8.68	1	0.115		1

Sample Narrative:

OS: 8.69 at 23C
 DUP: 8.68 at 22.9C

L1862012-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1862012-02 05/28/25 10:33 • (DUP) R4221864-3 05/28/25 10:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.21	8.24	1	0.365		1

Sample Narrative:

OS: 8.21 at 23.4C
 DUP: 8.24 at 23.4C

Laboratory Control Sample (LCS)

(LCS) R4221864-1 05/28/25 10:33

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: 10.02 at 23.1C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1861354-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861354-01 05/28/25 14:22 • (DUP) R4221870-2 05/28/25 14:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.17	8.22	1	0.610		1

Sample Narrative:

OS: 8.17 at 23.5C
 DUP: 8.22 at 23.4C

L1862012-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1862012-01 05/28/25 14:22 • (DUP) R4221870-3 05/28/25 14:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.69	8.68	1	0.115		1

Sample Narrative:

OS: 8.69 at 23.1C
 DUP: 8.68 at 23.1C

Laboratory Control Sample (LCS)

(LCS) R4221870-1 05/28/25 14:22

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
su	su		%	%	
pH	10.0	9.97	99.7	99.0-101	

Sample Narrative:

LCS: 9.97 at 23.2C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1861365-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1861365-04 05/28/25 16:30 • (DUP) R4221967-2 05/28/25 16:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
pH	8.13	8.13	1	0.000		1

Sample Narrative:

OS: 8.13 at 23.6C

DUP: 8.13 at 23.8C

Laboratory Control Sample (LCS)

(LCS) R4221967-1 05/28/25 16:30

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

Sample Narrative:

LCS: 10.02 at 23.3C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1861347-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1861347-03 05/30/25 07:24 • (DUP) R4222810-2 05/30/25 07:24

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.30	8.30	1	0.000		1

Sample Narrative:

OS: 8.3 at 22.2C

DUP: 8.3 at 22.2C

L1861977-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1861977-09 05/30/25 07:24 • (DUP) R4222810-3 05/30/25 07:24

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.41	7.40	1	0.135		1

Sample Narrative:

OS: 7.41 at 22C

DUP: 7.4 at 22C

Laboratory Control Sample (LCS)

(LCS) R4222810-1 05/30/25 07:24

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 22.4C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4221896-1 05/28/25 14:57

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

Sample Narrative:

BLANK: at 25C

L1861353-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1861353-06 05/28/25 14:57 • (DUP) R4221896-3 05/28/25 14:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.624	1	0.482		20

Sample Narrative:

OS: at 25C
DUP: at 25C

L1861391-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861391-02 05/28/25 14:57 • (DUP) R4221896-4 05/28/25 14:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.286	1	0.0700		20

Sample Narrative:

OS: at 25C
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4221896-2 05/28/25 14:57

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.572	98.5	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4221895-1 05/28/25 15:29

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

Sample Narrative:

BLANK: at 25C

L1861388-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861388-02 05/28/25 15:29 • (DUP) R4221895-3 05/28/25 15:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.533	1	0.934		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1862010-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1862010-02 05/28/25 15:29 • (DUP) R4221895-4 05/28/25 15:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.167	0.168	1	0.119		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4221895-2 05/28/25 15:29

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.575	99.0	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4222070-1 05/28/25 22:40

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

Sample Narrative:

BLANK: at 25C

L1861364-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861364-01 05/28/25 22:40 • (DUP) R4222070-3 05/28/25 22:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.283	0.283	1	0.177		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1862008-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1862008-01 05/28/25 22:40 • (DUP) R4222070-4 05/28/25 22:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	2.18	2.19	1	0.137		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4222070-2 05/28/25 22:40

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.581	100	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4222106-1 05/29/25 00:45

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

Sample Narrative:

BLANK: at 25C

L1861365-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1861365-04 05/29/25 00:45 • (DUP) R4222106-3 05/29/25 00:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.329	1	0.000		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4222106-2 05/29/25 00:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.553	95.2	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4223258-1 05/30/25 15:44

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

Sample Narrative:

BLANK: at 25C

L1861350-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1861350-02 05/30/25 15:44 • (DUP) R4223258-3 05/30/25 15:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	ND	0.209	1	2.03		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1861977-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1861977-08 05/30/25 15:44 • (DUP) R4223258-4 05/30/25 15:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.0490	0.0498	1	1.62		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4223258-2 05/30/25 15:44

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.581	100	90.0-110	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4223000-1 05/28/25 23:50

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1861377-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1861377-03 05/29/25 04:27 • (DUP) R4223000-3 05/29/25 04:39

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	45.5	45.4	1	0.192		15
Sulfate	2860	2850	1	0.381	ME	15

L1861377-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1861377-03 05/29/25 05:17 • (DUP) R4223000-6 05/29/25 05:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Sulfate	3200	2710	50	16.5	J3	15

L1861380-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861380-01 05/29/25 09:16 • (DUP) R4223000-7 05/29/25 09:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	105	101	1	3.50	ME	15
Sulfate	1670	1620	1	3.36	ME	15

L1861380-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861380-01 05/29/25 10:06 • (DUP) R4223000-10 05/29/25 10:19

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	103	105	5	1.59		15

L1861380-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1861380-01 05/29/25 10:31 • (DUP) R4223000-11 05/29/25 10:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	1760	1750	50	0.568		15

Laboratory Control Sample (LCS)

(LCS) R4223000-2 05/29/25 00:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Chloride	40.0	39.5	98.9	80.0-120	
Sulfate	40.0	40.4	101	80.0-120	

L1861377-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861377-03 05/29/25 04:27 • (MS) R4223000-4 05/29/25 04:52 • (MSD) R4223000-5 05/29/25 05:05

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	40.0	45.5	75.2	76.3	74.3	77.0	1	80.0-120	J6	J6	1.42	15
Sulfate	40.0	2860	2280	2330	0.000	0.000	1	80.0-120	E V	E V	2.15	15

L1861380-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861380-01 05/29/25 09:16 • (MS) R4223000-8 05/29/25 09:41 • (MSD) R4223000-9 05/29/25 09:54

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	40.0	105	120	120	39.4	38.1	1	80.0-120	E J6	E J6	0.422	15
Sulfate	40.0	1670	1350	1350	0.000	0.000	1	80.0-120	E V	E V	0.523	15

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4222796-1 05/29/25 19:28

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) R4222796-2 05/29/25 19:30 • (LCSD) R4222796-3 05/29/25 19:32

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	0.997	0.993	99.7	99.3	80.0-120			0.433	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4222455-1 05/28/25 11:20

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) R4222455-2 05/28/25 11:23 • (LCSD) R4222455-3 05/28/25 11:25

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	1.05	1.05	105	105	80.0-120			0.273	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4222988-1 05/29/25 17:35

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) R4222988-2 05/29/25 17:38 • (LCSD) R4222988-3 05/29/25 17:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.989	0.988	98.9	98.8	80.0-120			0.0989	20

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

Method Blank (MB)

(MB) R4222797-1 05/29/25 20:18

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

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

(LCS) R4222797-2 05/29/25 20:20 • (LCSD) R4222797-3 05/29/25 20:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.951	0.968	95.1	96.8	80.0-120			1.80	20

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

Method Blank (MB)

(MB) R4225016-1 06/03/25 20:21

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4225016-8 06/03/25 21:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	101	101	80.0-120	
Barium	100	101	101	80.0-120	
Cadmium	100	108	108	80.0-120	
Copper	100	107	107	80.0-120	
Lead	100	101	101	80.0-120	
Nickel	100	108	108	80.0-120	
Selenium	100	102	102	80.0-120	
Silver	20.0	20.7	104	80.0-120	
Zinc	100	103	103	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1861213-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861213-01 06/03/25 20:28 • (MS) R4225016-6 06/03/25 20:37 • (MSD) R4225016-7 06/03/25 20:40

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	99.8	6.39	92.7	95.3	86.3	88.9	5	75.0-125			2.68	20
Barium	99.8	29.6	113	122	83.5	92.3	5	75.0-125			7.42	20
Cadmium	99.8	ND	93.9	95.6	93.8	95.5	5	75.0-125			1.85	20
Copper	99.8	38.7	118	126	78.9	87.4	5	75.0-125			6.95	20
Lead	99.8	ND	94.2	91.8	85.6	83.2	5	75.0-125			2.58	20
Nickel	99.8	ND	96.1	99.6	90.7	94.2	5	75.0-125			3.62	20
Selenium	99.8	0.661	89.7	90.6	89.1	90.0	5	75.0-125			0.992	20
Silver	20.0	ND	19.0	18.7	95.1	93.7	5	75.0-125			1.52	20
Zinc	99.8	ND	119	125	84.3	90.0	5	75.0-125			4.67	20

Method Blank (MB)

(MB) R4224704-1 06/03/25 14:01

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4224704-2 06/03/25 14:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	104	104	80.0-120	
Barium	100	103	103	80.0-120	
Cadmium	100	101	101	80.0-120	
Copper	100	106	106	80.0-120	
Lead	100	102	102	80.0-120	
Nickel	100	105	105	80.0-120	
Selenium	100	99.1	99.1	80.0-120	
Silver	20.0	21.3	107	80.0-120	
Zinc	100	103	103	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1861388-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861388-04 06/03/25 14:07 • (MS) R4224704-5 06/03/25 14:16 • (MSD) R4224704-6 06/03/25 14:20

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	3.21	104	110	101	107	5	75.0-125			5.55	20
Barium	100	96.2	144	187	48.0	90.9	5	75.0-125	J6	J3	25.8	20
Cadmium	100	0.219	100	106	100	106	5	75.0-125			5.50	20
Copper	100	ND	102	111	96.1	105	5	75.0-125			8.28	20
Lead	100	ND	105	108	99.9	103	5	75.0-125			3.01	20
Nickel	100	ND	103	110	98.1	104	5	75.0-125			5.82	20
Selenium	100	0.494	101	105	100	104	5	75.0-125			3.54	20
Silver	20.0	ND	21.5	22.4	107	112	5	75.0-125			4.04	20
Zinc	100	ND	109	116	88.4	95.8	5	75.0-125			6.53	20

Method Blank (MB)

(MB) R4221608-3 05/25/25 00:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0800	0.100
^(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4221608-2 05/24/25 23:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.88	97.6	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			114	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) R4221302-2 05/25/25 12:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0800	0.100
^(S) a,a,a-Trifluorotoluene(FID)	106			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4221302-3 05/26/25 00:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.60	112	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			116	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) R4222368-2 05/28/25 12:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0800	0.100
^(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4222368-1 05/28/25 11:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.85	97.0	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			107	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) R4222369-2 05/28/25 13:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		2.00	2.50
^(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4222369-1 05/28/25 11:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.85	97.0	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			107	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) R4221366-3 05/22/25 05:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
Naphthalene	U		1.00	5.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	92.4			77.0-126
(S) 1,2-Dichloroethane-d4	118			70.0-130

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

(LCS) R4221366-1 05/22/25 04:22 • (LCSD) R4221366-2 05/22/25 04:44

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	4.52	4.42	90.4	88.4	70.0-123			2.24	20
Toluene	5.00	5.02	4.79	100	95.8	79.0-120			4.69	20
Ethylbenzene	5.00	5.22	4.98	104	99.6	79.0-123			4.71	20
Xylenes, Total	15.0	15.3	14.7	102	98.0	79.0-123			4.00	20
Naphthalene	5.00	3.37	3.27	67.4	65.4	54.0-135			3.01	20
1,2,4-Trimethylbenzene	5.00	4.87	4.85	97.4	97.0	76.0-121			0.412	20
1,3,5-Trimethylbenzene	5.00	5.06	4.96	101	99.2	76.0-122			2.00	20
(S) Toluene-d8				107	107	80.0-120				
(S) 4-Bromofluorobenzene				99.4	100	77.0-126				
(S) 1,2-Dichloroethane-d4				120	117	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4221549-2 05/27/25 23:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Xylenes, Total	U		0.174	3.00
Naphthalene	U		1.00	5.00
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
(S) Toluene-d8	112			80.0-120
(S) 4-Bromofluorobenzene	93.6			77.0-126
(S) 1,2-Dichloroethane-d4	115			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4221549-1 05/27/25 23:08

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.23	84.6	70.0-123	
Toluene	5.00	4.69	93.8	79.0-120	
Ethylbenzene	5.00	4.71	94.2	79.0-123	
Xylenes, Total	15.0	14.5	96.7	79.0-123	
Naphthalene	5.00	3.19	63.8	54.0-135	
1,2,4-Trimethylbenzene	5.00	4.55	91.0	76.0-121	
1,3,5-Trimethylbenzene	5.00	4.65	93.0	76.0-122	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			119	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4220863-2 05/23/25 09:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.00200	0.00200
Ethylbenzene	U		0.0100	0.0100
Toluene	U		0.0100	0.0100
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Xylenes, Total	U		0.100	0.100
<i>(S) Toluene-d8</i>	101			75.0-131
<i>(S) 4-Bromofluorobenzene</i>	107			67.0-138
<i>(S) 1,2-Dichloroethane-d4</i>	90.0			70.0-130

Laboratory Control Sample (LCS)

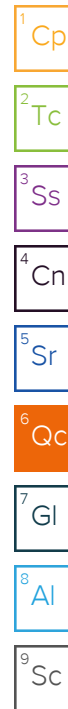
(LCS) R4220863-1 05/23/25 08:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.128	102	70.0-123	
Ethylbenzene	0.125	0.138	110	74.0-126	
Toluene	0.125	0.130	104	75.0-121	
1,2,4-Trimethylbenzene	0.125	0.110	88.0	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.107	85.6	73.0-127	
Xylenes, Total	0.375	0.420	112	72.0-127	
<i>(S) Toluene-d8</i>			99.3	75.0-131	
<i>(S) 4-Bromofluorobenzene</i>			107	67.0-138	
<i>(S) 1,2-Dichloroethane-d4</i>			89.3	70.0-130	

L1861353-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861353-02 05/23/25 15:59 • (MS) R4220863-3 05/23/25 18:15 • (MSD) R4220863-4 05/23/25 18:35

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 %
Benzene	0.125	ND	0.123	0.119	98.4	95.2	1	10.0-149			3.31	37
Ethylbenzene	0.125	ND	0.135	0.128	108	102	1	10.0-160			5.32	38
Toluene	0.125	ND	0.130	0.120	104	96.0	1	10.0-156			8.00	38
1,2,4-Trimethylbenzene	0.125	ND	0.113	0.105	90.4	84.0	1	10.0-160			7.34	36
1,3,5-Trimethylbenzene	0.125	ND	0.108	0.0992	86.4	79.4	1	10.0-160			8.49	38
Xylenes, Total	0.375	ND	0.419	0.396	112	106	1	10.0-160			5.64	38
<i>(S) Toluene-d8</i>					100	99.5		75.0-131				
<i>(S) 4-Bromofluorobenzene</i>					108	108		67.0-138				
<i>(S) 1,2-Dichloroethane-d4</i>					88.3	87.3		70.0-130				



Method Blank (MB)

(MB) R4221356-3 05/24/25 06:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
Benzene	U		0.00200	0.00200
Ethylbenzene	U		0.0100	0.0100
Toluene	U		0.0100	0.0100
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Xylenes, Total	U		0.100	0.100
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	105			67.0-138
(S) 1,2-Dichloroethane-d4	88.9			70.0-130

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

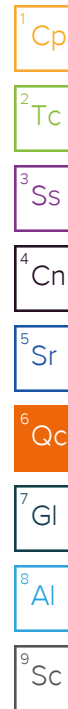
(LCS) R4221356-1 05/24/25 05:09 • (LCSD) R4221356-2 05/24/25 05:28

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	0.121	0.122	96.8	97.6	70.0-123			0.823	20
Ethylbenzene	0.125	0.131	0.132	105	106	74.0-126			0.760	20
Toluene	0.125	0.125	0.125	100	100	75.0-121			0.000	20
1,2,4-Trimethylbenzene	0.125	0.106	0.108	84.8	86.4	70.0-126			1.87	20
1,3,5-Trimethylbenzene	0.125	0.102	0.103	81.6	82.4	73.0-127			0.976	20
Xylenes, Total	0.375	0.405	0.413	108	110	72.0-127			1.96	20
(S) Toluene-d8				101	99.9	75.0-131				
(S) 4-Bromofluorobenzene				107	107	67.0-138				
(S) 1,2-Dichloroethane-d4				88.8	92.9	70.0-130				

L1861365-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861365-06 05/24/25 10:01 • (MS) R4221356-4 05/24/25 13:35 • (MSD) R4221356-5 05/24/25 13:55

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	ND	0.128	0.137	102	110	1	10.0-149			6.79	37
Ethylbenzene	0.125	ND	0.136	0.147	109	118	1	10.0-160			7.77	38
Toluene	0.125	ND	0.131	0.139	105	111	1	10.0-156			5.93	38
1,2,4-Trimethylbenzene	0.125	ND	0.109	0.119	87.2	95.2	1	10.0-160			8.77	36
1,3,5-Trimethylbenzene	0.125	ND	0.105	0.110	84.0	88.0	1	10.0-160			4.65	38
Xylenes, Total	0.375	ND	0.418	0.451	111	120	1	10.0-160			7.59	38
(S) Toluene-d8					99.2	99.9		75.0-131				
(S) 4-Bromofluorobenzene					107	108		67.0-138				
(S) 1,2-Dichloroethane-d4					91.0	90.2		70.0-130				



Method Blank (MB)

(MB) R4221716-3 05/28/25 08:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
(S) Toluene-d8	98.3			75.0-131
(S) 4-Bromofluorobenzene	107			67.0-138
(S) 1,2-Dichloroethane-d4	93.1			70.0-130

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

(LCS) R4221716-1 05/28/25 07:00 • (LCSD) R4221716-2 05/28/25 07:19

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 %
1,2,4-Trimethylbenzene	0.125	0.105	0.0990	84.0	79.2	70.0-126			5.88	20
1,3,5-Trimethylbenzene	0.125	0.100	0.0950	80.0	76.0	73.0-127			5.13	20
(S) Toluene-d8				101	98.8	75.0-131				
(S) 4-Bromofluorobenzene				106	105	67.0-138				
(S) 1,2-Dichloroethane-d4				89.6	90.1	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4222624-1 05/28/25 14:28

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	65.0			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4222624-2 05/28/25 14:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	38.7	77.4	50.0-150	
(S) o-Terphenyl			59.3	18.0-148	

L1861053-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861053-01 05/28/25 18:41 • (MS) R4222624-3 05/28/25 18:55 • (MSD) R4222624-4 05/28/25 19:10

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 %
C10-C28 Diesel Range	49.4	ND	37.2	35.4	75.3	74.8	1	50.0-150			4.96	20
(S) o-Terphenyl					66.0	67.0		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) R4222549-1 05/29/25 13:35

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	54.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4222549-2 05/29/25 13:49

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	30.5	61.0	50.0-150	
(S) o-Terphenyl			64.6	18.0-148	

L1861353-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861353-07 05/29/25 18:14 • (MS) R4222549-3 05/29/25 18:27 • (MSD) R4222549-4 05/29/25 18:41

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	48.5	ND	20.6	23.1	42.5	47.3	1	50.0-150	J6	J6	11.4	20
(S) o-Terphenyl					41.6	35.7		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) R4221443-2 05/27/25 20:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.0330	0.0330
Acenaphthene	U		0.0330	0.0330
Acenaphthylene	U		0.0330	0.0330
Benzo(a)anthracene	U		0.00600	0.00600
Benzo(a)pyrene	U		0.0330	0.0330
Benzo(b)fluoranthene	U		0.0330	0.0330
Benzo(g,h,i)perylene	U		0.0330	0.0330
Benzo(k)fluoranthene	U		0.0330	0.0330
Chrysene	U		0.0330	0.0330
Dibenz(a,h)anthracene	U		0.0330	0.0330
Fluoranthene	U		0.0330	0.0330
Fluorene	U		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	U		0.0330	0.0330
Naphthalene	U		0.00300	0.00300
Phenanthrene	U		0.0330	0.0330
Pyrene	U		0.0330	0.0330
1-Methylnaphthalene	U		0.00300	0.00300
2-Methylnaphthalene	U		0.0120	0.0120
<i>(S) p-Terphenyl-d14</i>	91.4			23.0-120
<i>(S) Nitrobenzene-d5</i>	74.5			14.0-149
<i>(S) 2-Fluorobiphenyl</i>	89.3			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) R4221443-1 05/27/25 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0749	93.6	50.0-126	
Acenaphthene	0.0800	0.0749	93.6	50.0-120	
Acenaphthylene	0.0800	0.0769	96.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0791	98.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0620	77.5	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0723	90.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0767	95.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0729	91.1	49.0-125	
Chrysene	0.0800	0.0827	103	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0788	98.5	47.0-125	
Fluoranthene	0.0800	0.0941	118	49.0-129	
Fluorene	0.0800	0.0783	97.9	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4221443-1 05/27/25 20:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0760	95.0	46.0-125	
Naphthalene	0.0800	0.0730	91.3	50.0-120	
Phenanthrene	0.0800	0.0795	99.4	47.0-120	
Pyrene	0.0800	0.0760	95.0	43.0-123	
1-Methylnaphthalene	0.0800	0.0861	108	51.0-121	
2-Methylnaphthalene	0.0800	0.0776	97.0	50.0-120	
(S) p-Terphenyl-d14			98.9	23.0-120	
(S) Nitrobenzene-d5			90.9	14.0-149	
(S) 2-Fluorobiphenyl			102	34.0-125	

L1861356-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861356-01 05/28/25 01:03 • (MS) R4221443-3 05/28/25 01:21 • (MSD) R4221443-4 05/28/25 01:38

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 %
Anthracene	0.0792	ND	0.0677	0.0671	85.5	84.3	1	10.0-145			0.890	30
Acenaphthene	0.0792	ND	0.0710	0.0705	89.6	88.6	1	14.0-127			0.707	27
Acenaphthylene	0.0792	ND	0.0709	0.0706	89.5	88.7	1	21.0-124			0.424	25
Benzo(a)anthracene	0.0792	ND	0.0714	0.0707	90.2	88.8	1	10.0-139			0.985	30
Benzo(a)pyrene	0.0792	ND	0.0730	0.0721	92.2	90.6	1	10.0-141			1.24	31
Benzo(b)fluoranthene	0.0792	ND	0.0684	0.0713	86.4	89.6	1	10.0-140			4.15	36
Benzo(g,h,i)perylene	0.0792	ND	0.0754	0.0735	95.2	92.3	1	10.0-140			2.55	33
Benzo(k)fluoranthene	0.0792	ND	0.0706	0.0666	89.1	83.7	1	10.0-137			5.83	31
Chrysene	0.0792	ND	0.0781	0.0758	98.6	95.2	1	10.0-145			2.99	30
Dibenz(a,h)anthracene	0.0792	ND	0.0725	0.0713	91.5	89.6	1	10.0-132			1.67	31
Fluoranthene	0.0792	ND	0.0879	0.0873	111	110	1	10.0-153			0.685	33
Fluorene	0.0792	ND	0.0728	0.0721	91.9	90.6	1	11.0-130			0.966	29
Indeno(1,2,3-cd)pyrene	0.0792	ND	0.0694	0.0688	87.6	86.4	1	10.0-137			0.868	32
Naphthalene	0.0792	ND	0.0699	0.0681	88.3	85.6	1	10.0-135			2.61	27
Phenanthrene	0.0792	ND	0.0734	0.0737	92.7	92.6	1	10.0-144			0.408	31
Pyrene	0.0792	ND	0.0736	0.0728	92.9	91.5	1	10.0-148			1.09	35
1-Methylnaphthalene	0.0792	ND	0.0805	0.0784	102	98.5	1	10.0-142			2.64	28
2-Methylnaphthalene	0.0792	ND	0.0724	0.0718	91.4	90.2	1	10.0-137			0.832	28
(S) p-Terphenyl-d14					96.7	94.8		23.0-120				
(S) Nitrobenzene-d5					91.6	88.3		14.0-149				
(S) 2-Fluorobiphenyl					97.9	95.8		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) R4221439-2 05/27/25 16:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.0330	0.0330
Acenaphthene	U		0.0330	0.0330
Acenaphthylene	U		0.0330	0.0330
Benzo(a)anthracene	U		0.00600	0.00600
Benzo(a)pyrene	U		0.0330	0.0330
Benzo(b)fluoranthene	U		0.0330	0.0330
Benzo(g,h,i)perylene	U		0.0330	0.0330
Benzo(k)fluoranthene	U		0.0330	0.0330
Chrysene	U		0.0330	0.0330
Dibenz(a,h)anthracene	U		0.0330	0.0330
Fluoranthene	U		0.0330	0.0330
Fluorene	U		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	U		0.0330	0.0330
Naphthalene	U		0.00300	0.00300
Phenanthrene	U		0.0330	0.0330
Pyrene	U		0.0330	0.0330
1-Methylnaphthalene	U		0.00300	0.00300
2-Methylnaphthalene	U		0.0120	0.0120
<i>(S) p-Terphenyl-d14</i>	88.1			23.0-120
<i>(S) Nitrobenzene-d5</i>	75.7			14.0-149
<i>(S) 2-Fluorobiphenyl</i>	87.8			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) R4221439-1 05/27/25 16:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0700	87.5	50.0-126	
Acenaphthene	0.0800	0.0687	85.9	50.0-120	
Acenaphthylene	0.0800	0.0714	89.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0654	81.8	45.0-120	
Benzo(a)pyrene	0.0800	0.0549	68.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0651	81.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0706	88.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0701	87.6	49.0-125	
Chrysene	0.0800	0.0730	91.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0730	91.3	47.0-125	
Fluoranthene	0.0800	0.0799	99.9	49.0-129	
Fluorene	0.0800	0.0749	93.6	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4221439-1 05/27/25 16:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0674	84.3	46.0-125	
Naphthalene	0.0800	0.0707	88.4	50.0-120	
Phenanthrene	0.0800	0.0714	89.3	47.0-120	
Pyrene	0.0800	0.0691	86.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0758	94.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0718	89.8	50.0-120	
(S) p-Terphenyl-d14			89.0	23.0-120	
(S) Nitrobenzene-d5			85.4	14.0-149	
(S) 2-Fluorobiphenyl			97.1	34.0-125	

L1861071-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1861071-03 05/27/25 22:21 • (MS) R4221439-3 05/27/25 22:38 • (MSD) R4221439-4 05/27/25 22:56

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 %
Anthracene	0.0792	ND	0.0825	0.0976	94.8	114	1	10.0-145			16.8	30
Acenaphthene	0.0792	ND	0.0678	0.0695	83.0	85.1	1	14.0-127			2.48	27
Acenaphthylene	0.0792	ND	0.0737	0.0743	93.1	93.8	1	21.0-124			0.811	25
Benzo(a)anthracene	0.0792	0.0516	0.126	0.220	93.9	213	1	10.0-139		J3 J5	54.3	30
Benzo(a)pyrene	0.0792	0.0518	0.119	0.172	84.8	152	1	10.0-141		J3 J5	36.4	31
Benzo(b)fluoranthene	0.0792	0.0661	0.123	0.204	71.8	174	1	10.0-140		J3 J5	49.5	36
Benzo(g,h,i)perylene	0.0792	0.0396	0.101	0.120	77.5	102	1	10.0-140			17.2	33
Benzo(k)fluoranthene	0.0792	ND	0.0885	0.105	86.0	107	1	10.0-137			17.1	31
Chrysene	0.0792	0.0474	0.133	0.220	108	218	1	10.0-145		J3 J5	49.3	30
Dibenz(a,h)anthracene	0.0792	ND	0.0729	0.0762	79.3	83.5	1	10.0-132			4.43	31
Fluoranthene	0.0792	0.0856	0.170	0.302	107	273	1	10.0-153		J3 J5	55.9	33
Fluorene	0.0792	ND	0.0768	0.0774	94.2	95.0	1	11.0-130			0.778	29
Indeno(1,2,3-cd)pyrene	0.0792	0.0352	0.0982	0.119	79.5	106	1	10.0-137			19.2	32
Naphthalene	0.0792	0.00405	0.0725	0.0739	91.5	93.3	1	10.0-135			1.91	27
Phenanthrene	0.0792	ND	0.0994	0.128	92.4	129	1	10.0-144		J5	25.2	31
Pyrene	0.0792	0.0715	0.136	0.227	81.4	196	1	10.0-148		J3 J5	50.1	35
1-Methylnaphthalene	0.0792	ND	0.0749	0.0763	94.6	96.3	1	10.0-142			1.85	28
2-Methylnaphthalene	0.0792	ND	0.0727	0.0740	91.8	93.4	1	10.0-137			1.77	28
(S) p-Terphenyl-d14					76.5	76.9		23.0-120				
(S) Nitrobenzene-d5					84.5	85.4		14.0-149				
(S) 2-Fluorobiphenyl					88.7	88.3		34.0-125				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

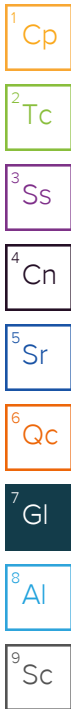
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
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
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

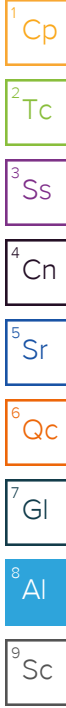
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



M189

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **Fremont Environmental** Contact/Report To: **Ethan Black**
Street Address: **6305 6th St, Wellington, CO 80549** Phone #: **603-477-6907**
E-Mail: **ethanb@fremontenv.com**
Cc E-Mail: **chrisL@fremontenv.com, paulH@fremontenv.com, danpeterson@chevron.com**
Customer Project #: Invoice to: **Chevron**
Project Name: **Noble - Cornelius 63N65W 11SWNW** Invoice E-mail: **danpeterson@chevron.com**
Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable): **UWRWE-A2105-EXP**
Rem. # - 28380 Quote #:
Time Zone Collected: [] AK [] PT MT [] CT [] ET County / State origin of sample(s):
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
ECMC
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other
Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day Other _____
Date Results Requested: _____
DW PWSID # or WW Permit # as applicable: _____
Field Filtered (if applicable): [] Yes [] No
Analysis: _____

LAB USE ONLY- Affix Workorder/Login Label

Sample Receipt Checklist
COC Seal Present/Intact: Y N NP If Applicable
COC Signed/Accurate: Y N VOA Zero Headspace: Y N
Bottles arrive intact: Y N Pres. Correct/Check: Y N
Correct bottles used: Y N Condition: NCF OK
Sufficient volume sent: Y N
RA Screen <0.5 mR/hr: Y N

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested
Proj. Mgr:
AcctNum / Client ID:
Table #:
Profile / Template:
Prelg / Bottle Ord. ID:
Sample Comment
Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine	
			Date	Time	Date	Time		Result	Units
MW -1 8ft	SS	Grab	5/20/25	0920			3		
MW -2 6ft				0905					
MW -3 6ft				1006					
MW -4 6ft				1000					
MW -5 6ft				0940					
MW -1 6ft				0925					
MW -2 10ft				0905					
MW -3 7ft				1005					
MW -4 10ft				1105					
MW -5 10ft				0945					

Fuilt Table 915-1 (Soil)	Fuilt Table 915-1 (Groundwater)	Sample Comment
X		✓ 1861365-01
X		02
X		03
X		04
X		05
X		06
X		07
X		08
X		09
X		10

Additional Instructions from Pace*: _____
Collected By: Printed Name _____ Signature _____

Customer Remarks / Special Conditions / Possible Hazards: _____
Coolers: _____ Thermometer ID: _____ Correction Factor (°C): _____ Obs. Temp. (°C): _____ Corrected Temp. (°C): **AMB** [] On Ice

Relinquished by/Company: (Signature) [Signature]	Date/Time: 5/20/25 1333	Received by/Company: (Signature) [Signature]	Date/Time: 5/20/25 1333	Training Number: 10491.670.4-2.0
Relinquished by/Company: (Signature) [Signature]	Date/Time: 5/20/25 1000	Received by/Company: (Signature) [Signature]	Date/Time: _____	Delivered by: [] In-Person [] Courier
Relinquished by/Company: (Signature) _____	Date/Time: _____	Received by/Company: (Signature) _____	Date/Time: _____	[] FedEx [] UPS [] Other
Relinquished by/Company: (Signature) [Signature]	Date/Time: _____	Received by/Company: (Signature) [Signature]	Date/Time: 05/21 09	Page: 1 of 2



Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: **Fremont Environmental**
 Street Address:
 8305 8th St.
 Wellington, CO
 80549

Contact/Report To: **Ethan Black**
 Phone #: **603-477-6907**
 E-Mail: **ethanb@fremontenv.com**
 Cc E-Mail: **chrisL@fremontenv.com, paulH@fremontenv.com, danpeterson@chevron.com**

Customer Project #:
 Project Name:
Noble - Cornelius 63N65W 11SWNW
 Site Collection Info/Facility ID (as applicable):

Invoice to: **Chevron**
 Invoice E-mail:
danpeterson@chevron.com
 Purchase Order # (if applicable): **UWRWE-A2105-EXP**
 Quote #:

Rem. # - 28380

Time Zone Collected: [] AK [] PT MT [] CT [] ET

County / State origin of sample(s):

Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: **ECMC** Reportable [] Yes [] No
 Rush (Pre-approval required):
 Same Day [] 1 Day [] 2 Day [] 3 Day Other _____
 Date Results Requested:
 Field Filtered (if applicable): [] Yes [] No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine	
			Date	Time	Date	Time		Result	Units
MW-1	GW	G	5/20/25	1230			5		
MW-2				1219					
MW-3				1209					
MW-4				1209					
MW-5				1153					

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Proj. Mgr:
 AcctNum / Client ID:
 Table #:
 Profile / Template:
 Pregol / Bottle Ord. ID:

Sample Comment

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Collected By:
 Printed Name
 Signature

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C) [] On Ice

Relinquished by/Company: (Signature) *[Signature]*

Date/Time: **1333 5/20/25** Received by/Company: (Signature)

Date/Time: **5/20/25 1333**

Tracking Number: **TLA91.6+0.4=2.0**

Relinquished by/Company: (Signature) *[Signature]*

Date/Time: **5/20/25 1800** Received by/Company: (Signature) **SWA**

Date/Time:

Delivered by: [] In-Person [] Courier

Relinquished by/Company: (Signature)

Date/Time:

Date/Time:

[] FedEx [] UPS [] Other

Relinquished by/Company: (Signature)

Date/Time: **5/21 1145** Received by/Company: (Signature) *[Signature]*

Date/Time: **5/21 1145**

Page: **2** of **2**