ANALYTICAL REPORT

July 29, 2025

Revised Report

Pace Analytical Services, LLC
2025.07.29 22:50:26 -05'00'
Document is certified

Chevron - CO

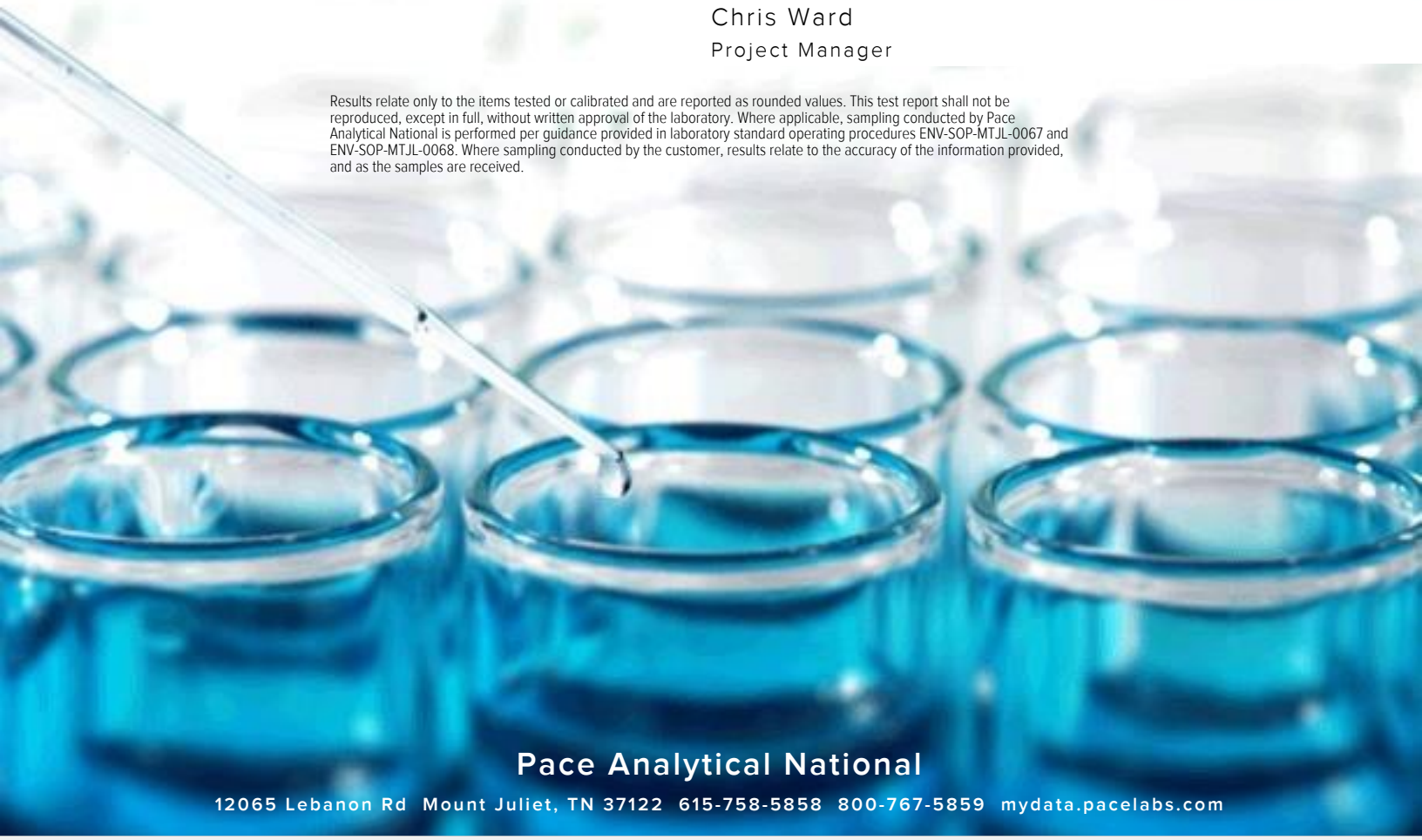
Sample Delivery Group:	L1868956
Samples Received:	06/12/2025
Project Number:	23372
Description:	ALOYSIUS 34-3

Report To:

Scott Williamson
2115 117th Avenue
Greeley, CO 80631

Entire Report Reviewed By:

Chris Ward
Project Manager



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

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BKG02@5' L1868956-01

Collected by: Eda Sullivan | Collected date/time: 06/10/25 10:55 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:03	06/21/25 00:03	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 15:52	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:23	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 16:54	JPD	Mt. Juliet, TN

BKG02@6' L1868956-02

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:05 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:06	06/21/25 00:06	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:10	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:26	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 16:57	JPD	Mt. Juliet, TN

BKG02@7' L1868956-03

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:11 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:09	06/21/25 00:09	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:19	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:29	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:00	JPD	Mt. Juliet, TN

BKG03@2.5' L1868956-04

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:17 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:12	06/21/25 00:12	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:28	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:32	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:04	JPD	Mt. Juliet, TN

BKG03@4' L1868956-05

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:27 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:15	06/21/25 00:15	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:37	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:35	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:07	JPD	Mt. Juliet, TN

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

BKG04@2.5' L1868956-06

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:39 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:18	06/21/25 00:18	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:46	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:37	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:10	JPD	Mt. Juliet, TN

BKG04@4' L1868956-07

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:47 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:21	06/21/25 00:21	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 16:55	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:40	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:35	UNP	Mt. Juliet, TN

BKG01@5' L1868956-08

Collected by: Eda Sullivan | Collected date/time: 06/10/25 13:06 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:24	06/21/25 00:24	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 17:58	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:49	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:38	UNP	Mt. Juliet, TN

FL01@2.5' L1868956-09

Collected by: Eda Sullivan | Collected date/time: 06/10/25 11:50 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:33	06/21/25 00:33	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 18:07	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:52	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:42	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 13:34	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/13/25 23:50	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 11:45	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 05:17	CMF	Mt. Juliet, TN

FLR01@4' L1868956-10

Collected by: Eda Sullivan | Collected date/time: 06/10/25 14:40 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:35	06/21/25 00:35	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 18:16	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN

FLR01@4' L1868956-10

Collected by: Eda Sullivan | Collected date/time: 06/10/25 14:40 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:55	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:45	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 14:19	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 00:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 13:46	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 05:34	CMF	Mt. Juliet, TN

WH01-SB02@6' L1868956-11

Collected by: Eda Sullivan | Collected date/time: 06/10/25 13:15 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:38	06/21/25 00:38	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548363	1	06/27/25 13:51	07/09/25 18:25	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 01:58	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:48	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 14:39	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 00:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 11:18	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 05:52	ADF	Mt. Juliet, TN

WH01-SB01@6' L1868956-12

Collected by: Eda Sullivan | Collected date/time: 06/10/25 13:00 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:41	06/21/25 00:41	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548332	1	06/27/25 13:08	07/10/25 09:57	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 02:01	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:51	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 15:01	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 00:47	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 13:33	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 06:09	CMF	Mt. Juliet, TN

WH01-SB04@6' L1868956-13

Collected by: Eda Sullivan | Collected date/time: 06/10/25 14:10 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:44	06/21/25 00:44	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548332	1	06/27/25 13:08	07/10/25 10:36	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 02:03	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 16:06	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 15:27	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 01:07	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 10:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 06:27	CMF	Mt. Juliet, TN

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

WH01-SB03@6' L1868956-14

Collected by: Eda Sullivan | Collected date/time: 06/10/25 14:50 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:47	06/21/25 00:47	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548332	1	06/27/25 13:08	07/10/25 11:21	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 02:06	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 18:22	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 15:47	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 01:26	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 11:58	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 06:44	CMF	Mt. Juliet, TN

WH01-SB@5' L1868956-15

Collected by: Eda Sullivan | Collected date/time: 06/10/25 15:15 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:50	06/21/25 00:50	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548332	1	06/27/25 13:08	07/10/25 11:48	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 02:09	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541011	5	06/18/25 08:12	06/27/25 17:58	UNP	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 16:06	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 01:45	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 10:37	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 07:02	CMF	Mt. Juliet, TN

WH01-SB@7' L1868956-16

Collected by: Eda Sullivan | Collected date/time: 06/10/25 15:39 | Received date/time: 06/12/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2541738	1	06/21/25 00:53	06/21/25 00:53	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2548332	1	06/27/25 13:08	07/10/25 11:57	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2543035	1	06/20/25 10:02	06/21/25 11:34	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2543042	1	06/20/25 10:05	06/24/25 19:50	JDG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2541781	1	06/19/25 06:32	06/20/25 02:12	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2541014	5	06/18/25 17:36	06/27/25 04:58	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2540172	1	06/12/25 19:14	06/17/25 16:26	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2538341	1	06/12/25 19:14	06/14/25 02:04	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2542091	1	06/19/25 19:47	06/20/25 11:04	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2541987	1	06/19/25 10:35	06/20/25 07:19	CMF	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

Report Revision History

Level II Report - Version 1: 07/14/25 10:09

Project Narrative

Report reissued for corrected collection time on -13 - CMW

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.96		1	06/21/2025 00:03	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 15:52	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.43		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-01 WG2543035: 8.43 at 23.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.387	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-01 WG2543042: 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	0.322		0.200	1	06/20/2025 01:23	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.34		0.100	5	06/27/2025 16:54	WG2541011
Barium	123		10.0	5	06/27/2025 16:54	WG2541011
Cadmium	0.247		0.100	5	06/27/2025 16:54	WG2541011
Copper	ND		10.0	5	06/27/2025 16:54	WG2541011
Lead	12.2		10.0	5	06/27/2025 16:54	WG2541011
Nickel	14.5		10.0	5	06/27/2025 16:54	WG2541011
Selenium	0.659		0.100	5	06/27/2025 16:54	WG2541011
Silver	ND		0.500	5	06/27/2025 16:54	WG2541011
Zinc	51.7		50.0	5	06/27/2025 16:54	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.71		1	06/21/2025 00:06	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:10	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.28		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-02 WG2543035: 8.28 at 23.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.641	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-02 WG2543042: 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	0.330		0.200	1	06/20/2025 01:26	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.94		0.100	5	06/27/2025 16:57	WG2541011
Barium	52.0		10.0	5	06/27/2025 16:57	WG2541011
Cadmium	0.218		0.100	5	06/27/2025 16:57	WG2541011
Copper	10.1		10.0	5	06/27/2025 16:57	WG2541011
Lead	11.8		10.0	5	06/27/2025 16:57	WG2541011
Nickel	12.8		10.0	5	06/27/2025 16:57	WG2541011
Selenium	0.580		0.100	5	06/27/2025 16:57	WG2541011
Silver	ND		0.500	5	06/27/2025 16:57	WG2541011
Zinc	ND		50.0	5	06/27/2025 16:57	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.75		1	06/21/2025 00:09	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:19	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.17		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-03 WG2543035: 8.17 at 23.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.27	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-03 WG2543042: 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	0.523		0.200	1	06/20/2025 01:29	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.54		0.100	5	06/27/2025 17:00	WG2541011
Barium	176		10.0	5	06/27/2025 17:00	WG2541011
Cadmium	0.165		0.100	5	06/27/2025 17:00	WG2541011
Copper	10.9		10.0	5	06/27/2025 17:00	WG2541011
Lead	13.1		10.0	5	06/27/2025 17:00	WG2541011
Nickel	13.4		10.0	5	06/27/2025 17:00	WG2541011
Selenium	0.792		0.100	5	06/27/2025 17:00	WG2541011
Silver	ND		0.500	5	06/27/2025 17:00	WG2541011
Zinc	52.5		50.0	5	06/27/2025 17:00	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.203		1	06/21/2025 00:12	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:28	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.17		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-04 WG2543035: 8.17 at 23.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.239	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-04 WG2543042: 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	06/20/2025 01:32	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	62.9		0.100	5	06/27/2025 17:04	WG2541011
Barium	83.2		10.0	5	06/27/2025 17:04	WG2541011
Cadmium	1.44		0.100	5	06/27/2025 17:04	WG2541011
Copper	28.6		10.0	5	06/27/2025 17:04	WG2541011
Lead	ND		10.0	5	06/27/2025 17:04	WG2541011
Nickel	41.3		10.0	5	06/27/2025 17:04	WG2541011
Selenium	2.55		0.100	5	06/27/2025 17:04	WG2541011
Silver	ND		0.500	5	06/27/2025 17:04	WG2541011
Zinc	91.6		50.0	5	06/27/2025 17:04	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.314		1	06/21/2025 00:15	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:37	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.17		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-05 WG2543035: 8.17 at 23.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.279	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-05 WG2543042: 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	06/20/2025 01:35	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.55		0.100	5	06/27/2025 17:07	WG2541011
Barium	140		10.0	5	06/27/2025 17:07	WG2541011
Cadmium	0.194		0.100	5	06/27/2025 17:07	WG2541011
Copper	ND		10.0	5	06/27/2025 17:07	WG2541011
Lead	ND		10.0	5	06/27/2025 17:07	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:07	WG2541011
Selenium	0.490		0.100	5	06/27/2025 17:07	WG2541011
Silver	ND		0.500	5	06/27/2025 17:07	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:07	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.124		1	06/21/2025 00:18	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:46	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.04		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-06 WG2543035: 8.04 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.185	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-06 WG2543042: 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	06/20/2025 01:37	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.84		0.100	5	06/27/2025 17:10	WG2541011
Barium	69.0		10.0	5	06/27/2025 17:10	WG2541011
Cadmium	ND		0.100	5	06/27/2025 17:10	WG2541011
Copper	ND		10.0	5	06/27/2025 17:10	WG2541011
Lead	ND		10.0	5	06/27/2025 17:10	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:10	WG2541011
Selenium	0.491		0.100	5	06/27/2025 17:10	WG2541011
Silver	ND		0.500	5	06/27/2025 17:10	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:10	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.49		1	06/21/2025 00:21	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 16:55	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.35		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-07 WG2543035: 8.35 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.15	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-07 WG2543042: 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	0.251		0.200	1	06/20/2025 01:40	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	16.1		0.100	5	06/27/2025 17:35	WG2541011
Barium	120		10.0	5	06/27/2025 17:35	WG2541011
Cadmium	0.259		0.100	5	06/27/2025 17:35	WG2541011
Copper	11.7		10.0	5	06/27/2025 17:35	WG2541011
Lead	ND		10.0	5	06/27/2025 17:35	WG2541011
Nickel	10.9		10.0	5	06/27/2025 17:35	WG2541011
Selenium	0.716		0.100	5	06/27/2025 17:35	WG2541011
Silver	ND		0.500	5	06/27/2025 17:35	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:35	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.94		1	06/21/2025 00:24	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 17:58	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.58		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-08 WG2543035: 8.58 at 23.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.416	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-08 WG2543042: 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	06/20/2025 01:49	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.64		0.100	5	06/27/2025 17:38	WG2541011
Barium	241		10.0	5	06/27/2025 17:38	WG2541011
Cadmium	0.276		0.100	5	06/27/2025 17:38	WG2541011
Copper	ND		10.0	5	06/27/2025 17:38	WG2541011
Lead	11.0		10.0	5	06/27/2025 17:38	WG2541011
Nickel	15.0		10.0	5	06/27/2025 17:38	WG2541011
Selenium	0.853		0.100	5	06/27/2025 17:38	WG2541011
Silver	ND		0.500	5	06/27/2025 17:38	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:38	WG2541011

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.195		1	06/21/2025 00:33	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 18:07	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.20		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-09 WG2543035: 8.2 at 24.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.270	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-09 WG2543042: 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	06/20/2025 01:52	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.75		0.100	5	06/27/2025 17:42	WG2541011
Barium	451		10.0	5	06/27/2025 17:42	WG2541011
Cadmium	0.202		0.100	5	06/27/2025 17:42	WG2541011
Copper	ND		10.0	5	06/27/2025 17:42	WG2541011
Lead	ND		10.0	5	06/27/2025 17:42	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:42	WG2541011
Selenium	0.498		0.100	5	06/27/2025 17:42	WG2541011
Silver	ND		0.500	5	06/27/2025 17:42	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:42	WG2541011

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	06/17/2025 13:34	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*93.0*		*77.0-120*		*06/17/2025 13:34*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/13/2025 23:50	WG2538341
Ethylbenzene	ND		0.0100	1	06/13/2025 23:50	WG2538341
Toluene	ND		0.0100	1	06/13/2025 23:50	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/13/2025 23:50	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/13/2025 23:50	WG2538341
Xylenes, Total	ND		0.100	1	06/13/2025 23:50	WG2538341
(S) Toluene-d8	*103*		*75.0-131*		*06/13/2025 23:50*	WG2538341
(S) 4-Bromofluorobenzene	*88.1*		*67.0-138*		*06/13/2025 23:50*	WG2538341
(S) 1,2-Dichloroethane-d4	*99.6*		*70.0-130*		*06/13/2025 23:50*	WG2538341

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	06/20/2025 11:45	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 11:45	WG2542091
(S) o-Terphenyl	*46.9*		*18.0-148*		*06/20/2025 11:45*	WG2542091

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	J4	0.0330	1	06/20/2025 05:17	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 05:17	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 05:17	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 05:17	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 05:17	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 05:17	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 05:17	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 05:17	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 05:17	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 05:17	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 05:17	WG2541987
(S) p-Terphenyl-d14	*86.1*		*23.0-120*		*06/20/2025 05:17*	WG2541987
(S) Nitrobenzene-d5	*79.3*		*14.0-149*		*06/20/2025 05:17*	WG2541987
(S) 2-Fluorobiphenyl	*80.6*		*34.0-125*		*06/20/2025 05:17*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.496		1	06/21/2025 00:35	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 18:16	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.07		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-10 WG2543035: 8.07 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.18	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-10 WG2543042: 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	0.228		0.200	1	06/20/2025 01:55	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.09		0.100	5	06/27/2025 17:45	WG2541011
Barium	83.9		10.0	5	06/27/2025 17:45	WG2541011
Cadmium	ND		0.100	5	06/27/2025 17:45	WG2541011
Copper	ND		10.0	5	06/27/2025 17:45	WG2541011
Lead	35.7		10.0	5	06/27/2025 17:45	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:45	WG2541011
Selenium	0.382		0.100	5	06/27/2025 17:45	WG2541011
Silver	ND		0.500	5	06/27/2025 17:45	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:45	WG2541011

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	06/17/2025 14:19	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*92.3*		*77.0-120*		*06/17/2025 14:19*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 00:09	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 00:09	WG2538341
Toluene	ND		0.0100	1	06/14/2025 00:09	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:09	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:09	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 00:09	WG2538341
(S) Toluene-d8	*102*		*75.0-131*		*06/14/2025 00:09*	WG2538341
(S) 4-Bromofluorobenzene	*87.8*		*67.0-138*		*06/14/2025 00:09*	WG2538341
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/14/2025 00:09*	WG2538341

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	06/20/2025 13:46	WG2542091
C28-C36 Motor Oil Range	13.5		4.00	1	06/20/2025 13:46	WG2542091
(S) o-Terphenyl	*49.1*		*18.0-148*		*06/20/2025 13:46*	WG2542091

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	J4	0.0330	1	06/20/2025 05:34	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 05:34	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 05:34	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 05:34	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 05:34	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 05:34	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 05:34	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 05:34	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 05:34	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 05:34	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 05:34	WG2541987
(S) p-Terphenyl-d14	*126*	J1	*23.0-120*		*06/20/2025 05:34*	WG2541987
(S) Nitrobenzene-d5	*114*		*14.0-149*		*06/20/2025 05:34*	WG2541987
(S) 2-Fluorobiphenyl	*119*		*34.0-125*		*06/20/2025 05:34*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.45		1	06/21/2025 00:38	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/09/2025 18:25	WG2548363

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.70		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-11 WG2543035: 8.7 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.454	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-11 WG2543042: 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	1.07		0.200	1	06/20/2025 01:58	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.67		0.100	5	06/27/2025 17:48	WG2541011
Barium	85.2		10.0	5	06/27/2025 17:48	WG2541011
Cadmium	0.328		0.100	5	06/27/2025 17:48	WG2541011
Copper	10.2		10.0	5	06/27/2025 17:48	WG2541011
Lead	11.5		10.0	5	06/27/2025 17:48	WG2541011
Nickel	14.8		10.0	5	06/27/2025 17:48	WG2541011
Selenium	0.698		0.100	5	06/27/2025 17:48	WG2541011
Silver	ND		0.500	5	06/27/2025 17:48	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:48	WG2541011

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	06/17/2025 14:39	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*94.5*		*77.0-120*		*06/17/2025 14:39*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 00:28	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 00:28	WG2538341
Toluene	ND		0.0100	1	06/14/2025 00:28	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:28	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:28	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 00:28	WG2538341
(S) Toluene-d8	*103*		*75.0-131*		*06/14/2025 00:28*	WG2538341
(S) 4-Bromofluorobenzene	*88.8*		*67.0-138*		*06/14/2025 00:28*	WG2538341
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*06/14/2025 00:28*	WG2538341

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	06/20/2025 11:18	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 11:18	WG2542091
(S) o-Terphenyl	*45.0*		*18.0-148*		*06/20/2025 11:18*	WG2542091

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	J4	0.0330	1	06/20/2025 05:52	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 05:52	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 05:52	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 05:52	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 05:52	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 05:52	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 05:52	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 05:52	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 05:52	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 05:52	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 05:52	WG2541987
(S) p-Terphenyl-d14	*135*	J1	*23.0-120*		*06/20/2025 05:52*	WG2541987
(S) Nitrobenzene-d5	*123*		*14.0-149*		*06/20/2025 05:52*	WG2541987
(S) 2-Fluorobiphenyl	*127*	J1	*34.0-125*		*06/20/2025 05:52*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.534		1	06/21/2025 00:41	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/10/2025 09:57	WG2548332

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.21		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-12 WG2543035: 8.21 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.867	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-12 WG2543042: 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	0.232		0.200	1	06/20/2025 02:01	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.71		0.100	5	06/27/2025 17:51	WG2541011
Barium	79.3		10.0	5	06/27/2025 17:51	WG2541011
Cadmium	0.204		0.100	5	06/27/2025 17:51	WG2541011
Copper	ND		10.0	5	06/27/2025 17:51	WG2541011
Lead	10.9		10.0	5	06/27/2025 17:51	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:51	WG2541011
Selenium	0.493		0.100	5	06/27/2025 17:51	WG2541011
Silver	ND		0.500	5	06/27/2025 17:51	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:51	WG2541011

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	06/17/2025 15:01	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*93.2*		*77.0-120*		*06/17/2025 15:01*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 00:47	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 00:47	WG2538341
Toluene	ND		0.0100	1	06/14/2025 00:47	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:47	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 00:47	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 00:47	WG2538341
(S) Toluene-d8	*104*		*75.0-131*		*06/14/2025 00:47*	WG2538341
(S) 4-Bromofluorobenzene	*90.4*		*67.0-138*		*06/14/2025 00:47*	WG2538341
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/14/2025 00:47*	WG2538341

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	06/20/2025 13:33	WG2542091
C28-C36 Motor Oil Range	5.97		4.00	1	06/20/2025 13:33	WG2542091
(S) o-Terphenyl	*47.6*		*18.0-148*		*06/20/2025 13:33*	WG2542091

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	J4	0.0330	1	06/20/2025 06:09	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 06:09	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 06:09	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 06:09	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 06:09	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 06:09	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 06:09	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 06:09	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 06:09	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 06:09	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 06:09	WG2541987
(S) p-Terphenyl-d14	*111*		*23.0-120*		*06/20/2025 06:09*	WG2541987
(S) Nitrobenzene-d5	*107*		*14.0-149*		*06/20/2025 06:09*	WG2541987
(S) 2-Fluorobiphenyl	*106*		*34.0-125*		*06/20/2025 06:09*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.228		1	06/21/2025 00:44	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/10/2025 10:36	WG2548332

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.40		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-13 WG2543035: 8.4 at 23.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.295	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-13 WG2543042: 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	06/20/2025 02:03	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	27.7		0.100	5	06/27/2025 16:06	WG2541011
Barium	178	J3 J5	10.0	5	06/27/2025 16:06	WG2541011
Cadmium	0.352		0.100	5	06/27/2025 16:06	WG2541011
Copper	21.1		10.0	5	06/27/2025 16:06	WG2541011
Lead	13.4		10.0	5	06/27/2025 16:06	WG2541011
Nickel	19.1		10.0	5	06/27/2025 16:06	WG2541011
Selenium	1.07		0.100	5	06/27/2025 16:06	WG2541011
Silver	ND		0.500	5	06/27/2025 16:06	WG2541011
Zinc	95.8	J6	50.0	5	06/27/2025 16:06	WG2541011

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	06/17/2025 15:27	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*91.8*		*77.0-120*		*06/17/2025 15:27*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 01:07	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 01:07	WG2538341
Toluene	ND		0.0100	1	06/14/2025 01:07	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:07	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:07	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 01:07	WG2538341
(S) Toluene-d8	*103*		*75.0-131*		*06/14/2025 01:07*	WG2538341
(S) 4-Bromofluorobenzene	*87.6*		*67.0-138*		*06/14/2025 01:07*	WG2538341
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*06/14/2025 01:07*	WG2538341

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	7.74		4.00	1	06/20/2025 10:51	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 10:51	WG2542091
(S) o-Terphenyl	*49.7*		*18.0-148*		*06/20/2025 10:51*	WG2542091

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	J4	0.0330	1	06/20/2025 06:27	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 06:27	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 06:27	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 06:27	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 06:27	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 06:27	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 06:27	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 06:27	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 06:27	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 06:27	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 06:27	WG2541987
(S) p-Terphenyl-d14	*129*	J1	*23.0-120*		*06/20/2025 06:27*	WG2541987
(S) Nitrobenzene-d5	*121*		*14.0-149*		*06/20/2025 06:27*	WG2541987
(S) 2-Fluorobiphenyl	*122*		*34.0-125*		*06/20/2025 06:27*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.394		1	06/21/2025 00:47	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/10/2025 11:21	WG2548332

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.42		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-14 WG2543035: 8.42 at 23.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.282	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-14 WG2543042: 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	0.273		0.200	1	06/20/2025 02:06	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.41		0.100	5	06/27/2025 18:22	WG2541011
Barium	597		10.0	5	06/27/2025 18:22	WG2541011
Cadmium	0.239		0.100	5	06/27/2025 18:22	WG2541011
Copper	10.3		10.0	5	06/27/2025 18:22	WG2541011
Lead	ND		10.0	5	06/27/2025 18:22	WG2541011
Nickel	11.3		10.0	5	06/27/2025 18:22	WG2541011
Selenium	0.659		0.100	5	06/27/2025 18:22	WG2541011
Silver	ND		0.500	5	06/27/2025 18:22	WG2541011
Zinc	ND		50.0	5	06/27/2025 18:22	WG2541011

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	06/17/2025 15:47	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*91.8*		*77.0-120*		*06/17/2025 15:47*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 01:26	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 01:26	WG2538341
Toluene	ND		0.0100	1	06/14/2025 01:26	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:26	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:26	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 01:26	WG2538341
(S) Toluene-d8	*102*		*75.0-131*		*06/14/2025 01:26*	WG2538341
(S) 4-Bromofluorobenzene	*90.8*		*67.0-138*		*06/14/2025 01:26*	WG2538341
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*06/14/2025 01:26*	WG2538341

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	06/20/2025 11:58	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 11:58	WG2542091
(S) o-Terphenyl	*55.4*		*18.0-148*		*06/20/2025 11:58*	WG2542091

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	J4	0.0330	1	06/20/2025 06:44	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 06:44	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 06:44	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 06:44	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 06:44	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 06:44	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 06:44	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 06:44	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 06:44	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 06:44	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 06:44	WG2541987
(S) p-Terphenyl-d14	*117*		*23.0-120*		*06/20/2025 06:44*	WG2541987
(S) Nitrobenzene-d5	*104*		*14.0-149*		*06/20/2025 06:44*	WG2541987
(S) 2-Fluorobiphenyl	*108*		*34.0-125*		*06/20/2025 06:44*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.176		1	06/21/2025 00:50	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/10/2025 11:48	WG2548332

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.25		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-15 WG2543035: 8.25 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.388	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-15 WG2543042: 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	06/20/2025 02:09	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.83		0.100	5	06/27/2025 17:58	WG2541011
Barium	105		10.0	5	06/27/2025 17:58	WG2541011
Cadmium	0.128		0.100	5	06/27/2025 17:58	WG2541011
Copper	ND		10.0	5	06/27/2025 17:58	WG2541011
Lead	ND		10.0	5	06/27/2025 17:58	WG2541011
Nickel	ND		10.0	5	06/27/2025 17:58	WG2541011
Selenium	0.430		0.100	5	06/27/2025 17:58	WG2541011
Silver	ND		0.500	5	06/27/2025 17:58	WG2541011
Zinc	ND		50.0	5	06/27/2025 17:58	WG2541011

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	06/17/2025 16:06	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*91.7*		*77.0-120*		*06/17/2025 16:06*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 01:45	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 01:45	WG2538341
Toluene	ND		0.0100	1	06/14/2025 01:45	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:45	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 01:45	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 01:45	WG2538341
(S) Toluene-d8	*103*		*75.0-131*		*06/14/2025 01:45*	WG2538341
(S) 4-Bromofluorobenzene	*93.1*		*67.0-138*		*06/14/2025 01:45*	WG2538341
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/14/2025 01:45*	WG2538341

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	06/20/2025 10:37	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 10:37	WG2542091
(S) o-Terphenyl	*48.8*		*18.0-148*		*06/20/2025 10:37*	WG2542091

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	J4	0.0330	1	06/20/2025 07:02	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 07:02	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 07:02	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 07:02	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 07:02	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 07:02	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 07:02	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 07:02	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 07:02	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 07:02	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 07:02	WG2541987
(S) p-Terphenyl-d14	*115*		*23.0-120*		*06/20/2025 07:02*	WG2541987
(S) Nitrobenzene-d5	*104*		*14.0-149*		*06/20/2025 07:02*	WG2541987
(S) 2-Fluorobiphenyl	*109*		*34.0-125*		*06/20/2025 07:02*	WG2541987

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.294		1	06/21/2025 00:53	WG2541738

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/10/2025 11:57	WG2548332

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.44		1	06/21/2025 11:34	WG2543035

Sample Narrative:

L1868956-16 WG2543035: 8.44 at 23.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.278	mmhos/cm		0.0100	1	06/24/2025 19:50	WG2543042

Sample Narrative:

L1868956-16 WG2543042: 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	0.272		0.200	1	06/20/2025 02:12	WG2541781

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.99		0.100	5	06/27/2025 04:58	WG2541014
Barium	219		10.0	5	06/27/2025 04:58	WG2541014
Cadmium	0.179		0.100	5	06/27/2025 04:58	WG2541014
Copper	ND		10.0	5	06/27/2025 04:58	WG2541014
Lead	10.3		10.0	5	06/27/2025 04:58	WG2541014
Nickel	12.6		10.0	5	06/27/2025 04:58	WG2541014
Selenium	0.276		0.100	5	06/27/2025 04:58	WG2541014
Silver	ND		0.500	5	06/27/2025 04:58	WG2541014
Zinc	ND		50.0	5	06/27/2025 04:58	WG2541014

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	06/17/2025 16:26	WG2540172
(S) a,a,a-Trifluorotoluene(FID)	*90.6*		*77.0-120*		*06/17/2025 16:26*	WG2540172

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/14/2025 02:04	WG2538341
Ethylbenzene	ND		0.0100	1	06/14/2025 02:04	WG2538341
Toluene	ND		0.0100	1	06/14/2025 02:04	WG2538341
1,2,4-Trimethylbenzene	ND		0.00500	1	06/14/2025 02:04	WG2538341
1,3,5-Trimethylbenzene	ND		0.00500	1	06/14/2025 02:04	WG2538341
Xylenes, Total	ND		0.100	1	06/14/2025 02:04	WG2538341
(S) Toluene-d8	*105*		*75.0-131*		*06/14/2025 02:04*	WG2538341
(S) 4-Bromofluorobenzene	*91.3*		*67.0-138*		*06/14/2025 02:04*	WG2538341
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*06/14/2025 02:04*	WG2538341

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	06/20/2025 11:04	WG2542091
C28-C36 Motor Oil Range	ND		4.00	1	06/20/2025 11:04	WG2542091
(S) o-Terphenyl	*42.7*		*18.0-148*		*06/20/2025 11:04*	WG2542091

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	J4	0.0330	1	06/20/2025 07:19	WG2541987
Acenaphthene	ND		0.0330	1	06/20/2025 07:19	WG2541987
Acenaphthylene	ND		0.0330	1	06/20/2025 07:19	WG2541987
Benzo(a)anthracene	ND	J4	0.00600	1	06/20/2025 07:19	WG2541987
Benzo(a)pyrene	ND		0.0330	1	06/20/2025 07:19	WG2541987
Benzo(b)fluoranthene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Benzo(g,h,i)perylene	ND		0.0330	1	06/20/2025 07:19	WG2541987
Benzo(k)fluoranthene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Chrysene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Dibenz(a,h)anthracene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Fluoranthene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Fluorene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Indeno(1,2,3-cd)pyrene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Naphthalene	ND		0.00300	1	06/20/2025 07:19	WG2541987
Phenanthrene	ND	J4	0.0330	1	06/20/2025 07:19	WG2541987
Pyrene	ND		0.0330	1	06/20/2025 07:19	WG2541987
1-Methylnaphthalene	ND		0.00300	1	06/20/2025 07:19	WG2541987
2-Methylnaphthalene	ND		0.0120	1	06/20/2025 07:19	WG2541987
(S) p-Terphenyl-d14	*127*	J1	*23.0-120*		*06/20/2025 07:19*	WG2541987
(S) Nitrobenzene-d5	*113*		*14.0-149*		*06/20/2025 07:19*	WG2541987
(S) 2-Fluorobiphenyl	*118*		*34.0-125*		*06/20/2025 07:19*	WG2541987

Method Blank (MB)

(MB) R4243321-2 07/10/25 10:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Hexavalent Chromium	U		0.200	0.200

L1868956-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1868956-12 07/10/25 09:57 • (DUP) R4243321-1 07/10/25 10:06

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	ND	ND	1	0.000		20

L1868974-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1868974-21 07/10/25 12:51 • (DUP) R4243321-8 07/10/25 13:00

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	4.38	2.45	1	56.4	P1	20

Laboratory Control Sample (LCS)

(LCS) R4243321-3 07/10/25 10:27

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

L1868956-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1868956-13 07/10/25 10:36 • (MS) R4243321-4 07/10/25 10:45 • (MSD) R4243321-5 07/10/25 10:54

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 %
Hexavalent Chromium	20.0	ND	17.5	19.0	87.5	95.0	1	75.0-125			8.21	20

L1868956-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868956-13 07/10/25 10:36 • (MS) R4243321-6 07/10/25 11:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	656	ND	706	108	50	75.0-125	

L1868956-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868956-13 07/10/25 10:36 • (MS) R4243321-10 07/10/25 11:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	656	ND	706	108	50	75.0-125	

L1868956-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868956-13 07/10/25 10:36 • (MS) R4243321-11 07/10/25 11:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	656	ND	706	108	50	75.0-125	

L1868956-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868956-13 07/10/25 10:36 • (MS) R4243321-14 07/10/25 11:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	656	ND	706	108	50	75.0-125	

Method Blank (MB)

(MB) R4242814-1 07/09/25 13:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Hexavalent Chromium	U		0.200	0.200

L1868907-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1868907-05 07/09/25 14:04 • (DUP) R4242814-3 07/09/25 14:13

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	ND	ND	1	0.000		20

L1868956-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1868956-01 07/09/25 15:52 • (DUP) R4242814-4 07/09/25 16:01

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4242814-2 07/09/25 13:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.69	96.9	80.0-120	

L1868956-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1868956-07 07/09/25 16:55 • (MS) R4242814-5 07/09/25 17:22 • (MSD) R4242814-6 07/09/25 17:31

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 %
Hexavalent Chromium	20.0	ND	19.9	19.8	99.7	98.9	1	75.0-125			0.893	20

L1868956-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1868956-07 07/09/25 16:55 • (MS) R4242814-7 07/09/25 17:40

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	648	ND	550	84.9	50	75.0-125	

L1868956-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1868956-01 06/21/25 11:34 • (DUP) R4249703-2 06/21/25 11:34

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.43	8.42	1	0.119		1

Sample Narrative:

OS: 8.43 at 23.7C

DUP: 8.42 at 23.8C

L1869536-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1869536-03 06/21/25 11:34 • (DUP) R4249703-3 06/21/25 11:34

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.11	8.12	1	0.123		1

Sample Narrative:

OS: 8.11 at 23.8C

DUP: 8.12 at 23.1C

Laboratory Control Sample (LCS)

(LCS) R4249703-1 06/21/25 11:34

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 23.6C

Method Blank (MB)

(MB) R4249704-1 06/24/25 19:50

Analyte	MB Result mmhos/cm	MB Qualifier	MB MDL mmhos/cm	MB RDL mmhos/cm
Specific Conductance	U		0.0100	0.0100

Sample Narrative:
BLANK: at 25C

L1868956-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1868956-02 06/24/25 19:50 • (DUP) R4249704-3 06/24/25 19:50

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	0.641	0.642	1	0.156		20

Sample Narrative:
OS: at 25C
DUP: at 25C

L1869536-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1869536-02 06/24/25 19:50 • (DUP) R4249704-4 06/24/25 19:50

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	0.542	0.542	1	0.000		20

Sample Narrative:
OS: at 25C
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4249704-2 06/24/25 19:50

Analyte	Spike Amount mmhos/cm	LCS Result mmhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	0.581	0.539	92.8	90.0-110	

Sample Narrative:
LCS: at 25C

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

Method Blank (MB)

(MB) R4233631-1 06/20/25 01:15

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) R4233631-2 06/20/25 01:17 • (LCSD) R4233631-3 06/20/25 01:20

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	1.18	1.12	118	112	80.0-120			4.41	20

QUALITY CONTROL SUMMARY

L1868956-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15

Method Blank (MB)

(MB) R4237408-1 06/27/25 16:00

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

Laboratory Control Sample (LCS)

(LCS) R4237408-2 06/27/25 16:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	103	103	80.0-120	
Barium	100	103	103	80.0-120	
Cadmium	100	101	101	80.0-120	
Copper	100	105	105	80.0-120	
Lead	100	109	109	80.0-120	
Nickel	100	104	104	80.0-120	
Selenium	100	105	105	80.0-120	
Silver	20.0	21.0	105	80.0-120	
Zinc	100	103	103	80.0-120	

L1868956-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1868956-13 06/27/25 16:06 • (MS) R4237408-5 06/27/25 16:16 • (MSD) R4237408-6 06/27/25 16:19

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	27.7	102	107	74.2	79.8	5	75.0-125	J6		5.30	20
Barium	100	178	651	835	474	657	5	75.0-125	J5	J3 J5	24.7	20
Cadmium	100	0.352	90.9	92.4	90.5	92.0	5	75.0-125			1.65	20
Copper	100	21.1	100	103	79.3	82.0	5	75.0-125			2.73	20
Lead	100	13.4	107	110	94.1	96.3	5	75.0-125			1.99	20
Nickel	100	19.1	104	107	84.7	88.2	5	75.0-125			3.36	20
Selenium	100	1.07	96.7	99.0	95.6	98.0	5	75.0-125			2.40	20
Silver	20.0	ND	18.8	19.2	94.0	95.8	5	75.0-125			1.90	20
Zinc	100	95.8	131	136	35.3	40.5	5	75.0-125	J6	J6	3.93	20

Method Blank (MB)

(MB) R4237097-1 06/27/25 03:28

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

Laboratory Control Sample (LCS)

(LCS) R4237097-2 06/27/25 03:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.5	95.5	80.0-120	
Barium	100	93.5	93.5	80.0-120	
Cadmium	100	100	100	80.0-120	
Copper	100	100	100	80.0-120	
Lead	100	93.9	93.9	80.0-120	
Nickel	100	99.9	99.9	80.0-120	
Selenium	100	93.8	93.8	80.0-120	
Silver	20.0	21.1	105	80.0-120	
Zinc	100	95.4	95.4	80.0-120	

L1868714-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1868714-03 06/27/25 03:34 • (MS) R4237097-5 06/27/25 03:43 • (MSD) R4237097-6 06/27/25 03:47

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	5.30	109	111	103	105	5	75.0-125			1.73	20
Barium	100	111	212	210	101	98.3	5	75.0-125			1.26	20
Cadmium	100	0.161	107	109	106	109	5	75.0-125			2.56	20
Copper	100	ND	111	113	111	113	5	75.0-125			2.35	20
Lead	100	ND	107	114	107	114	5	75.0-125			6.09	20
Nickel	100	12.3	118	120	106	108	5	75.0-125			1.64	20
Selenium	100	0.269	103	104	102	104	5	75.0-125			1.36	20
Silver	20.0	ND	23.4	24.1	117	121	5	75.0-125			3.19	20
Zinc	100	ND	143	142	143	142	5	75.0-125	J5	J5	0.357	20

Method Blank (MB)

(MB) R4232065-3 06/17/25 09:41

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)	*97.9*			*77.0-120*

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

(LCS) R4232065-1 06/17/25 08:35 • (LCSD) R4232065-2 06/17/25 08:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.85	5.06	97.0	101	72.0-127			4.24	20
(S) a,a,a-Trifluorotoluene(FID)				*109*	*109*	*77.0-120*				

Method Blank (MB)

(MB) R4232696-3 06/13/25 20:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.00100	0.00100
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	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*88.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*

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

(LCS) R4232696-1 06/13/25 19:13 • (LCSD) R4232696-2 06/13/25 19:31

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 %
Benzene	0.125	0.123	0.121	98.4	96.8	70.0-123			1.64	20
Ethylbenzene	0.125	0.119	0.118	95.2	94.4	74.0-126			0.844	20
Toluene	0.125	0.116	0.117	92.8	93.6	75.0-121			0.858	20
1,2,4-Trimethylbenzene	0.125	0.122	0.118	97.6	94.4	70.0-126			3.33	20
1,3,5-Trimethylbenzene	0.125	0.125	0.125	100	100	73.0-127			0.000	20
Xylenes, Total	0.375	0.339	0.331	90.4	88.3	72.0-127			2.39	20
(S) Toluene-d8				*99.3*	*98.3*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.4*	*91.2*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*103*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4233841-1 06/20/25 10:10

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	*58.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4233841-2 06/20/25 10:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	35.2	70.4	50.0-150	
(S) o-Terphenyl			*75.1*	*18.0-148*	

L1868907-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1868907-12 06/20/25 12:39 • (MS) R4233841-3 06/20/25 12:52 • (MSD) R4233841-4 06/20/25 13:06

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	47.1	12.2	58.8	61.9	98.9	99.8	1	50.0-150			5.14	20
(S) o-Terphenyl					*66.4*	*67.6*		*18.0-148*				

Method Blank (MB)

(MB) R4233951-2 06/20/25 00:36

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
(S) p-Terphenyl-d14	*133*	J1		*23.0-120*
(S) Nitrobenzene-d5	*127*			*14.0-149*
(S) 2-Fluorobiphenyl	*126*	J1		*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4233951-1 06/20/25 00:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.103	129	50.0-126	J4
Acenaphthene	0.0800	0.0879	110	50.0-120	
Acenaphthylene	0.0800	0.0923	115	50.0-120	
Benzo(a)anthracene	0.0800	0.106	133	45.0-120	J4
Benzo(a)pyrene	0.0800	0.0878	110	42.0-120	
Benzo(b)fluoranthene	0.0800	0.105	131	42.0-121	J4
Benzo(g,h,i)perylene	0.0800	0.0987	123	45.0-125	
Benzo(k)fluoranthene	0.0800	0.102	128	49.0-125	J4
Chrysene	0.0800	0.103	129	49.0-122	J4
Dibenz(a,h)anthracene	0.0800	0.105	131	47.0-125	J4
Fluoranthene	0.0800	0.108	135	49.0-129	J4
Fluorene	0.0800	0.102	128	49.0-120	J4

Laboratory Control Sample (LCS)

(LCS) R4233951-1 06/20/25 00:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.102	128	46.0-125	J4
Naphthalene	0.0800	0.0873	109	50.0-120	
Phenanthrene	0.0800	0.103	129	47.0-120	J4
Pyrene	0.0800	0.0977	122	43.0-123	
1-Methylnaphthalene	0.0800	0.0916	115	51.0-121	
2-Methylnaphthalene	0.0800	0.0909	114	50.0-120	
(S) p-Terphenyl-d14			*122*	*23.0-120*	J1
(S) Nitrobenzene-d5			*125*	*14.0-149*	
(S) 2-Fluorobiphenyl			*122*	*34.0-125*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
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.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
Chevron-CO
2115 117th Avenue
Greeley CO 80631

Billing Information:
Bill to Chevron
Dan Peterson
2115 117th Avenue
Greeley CO 80631

Report to: Scott Williamson
970-304-5000

Email To: RBUEUF@chevron.com
northernColoradoPM@monrose-env.com
monroseEDD@monrose-env.com

Project Description: Aloysius 34-3

City/State Collected: Kersey, CO

Please Circle: PT (MT) CT ET

Phone: 970-730-7313
~~703-470-8146~~

Client Project # 23372

Lab Project # CHEGCO-MONTROSE

Collected by (print): Eda Sullivan

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ____ Y ✓

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Full Table 915-1	Table 915-1 Inorganics	Remarks	Sample # (lab only)
BKG02@5'	Grab	SS	5'	6/10/25	10:55	2		X		-01
BKG02@6'			6'	6/10/25	11:05	2		X		-02
BKG02@7'			7'		11:11	2		X		-03
BKG03@2.5'			2.5'		11:17	2		X		-04
BKG03@4'			4'		11:27	2		X		-05
BKG04@2.5'			2.5'		11:39	2		X		-06
BKG04@4'			4'		11:47	2		X		-07
BKG01@5'			5'		13:06	2		X		-08
FL01@2.5'			2.5'		11:50	3	X			-09
FL201@4'			4'		14:40	3	X			-10

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1868956

K134

Acctnum: CHEGCO
Template: T270927
Prelogin: P1141339
PM:
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

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

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeoH TBR
	06/10/25	17:34		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 38
	06/11/25	1800	SWA	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				6/12/25 8:00

If preservation required by Login: Date/Time

Hold: Condition: NCF / (OK)

Company Name/Address:
Chevron-CO
2115 117th Avenue
Greeley CO 80631

Billing Information:
Bill to Chevron
Dan Peterson
2115 117th Avenue
Greeley CO 80631

Report to: Scott Williamson
970-304-5000

Email To: KBUEUF@chevron.com
NorthernColoradoPM@Montrose-env.com
MontroseEDD@Montrose-env.com

Project Description: Aloysius 34-3

City/State Collected: Kersey, Co

Please Circle: PT (MT) CT ET

Phone: 970-730-7313
~~703-470-8146~~

Client Project # 23372

Lab Project # CHEGCO-MONTROSE

Collected by (print): Eda Sullivan

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ____ Y ✓

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1868956

Table #

Acctnum:

Template: CHEGCO

Prelogin: T270927

PM: P1141339

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Pres Chk	Full Table 9/5-1									Remarks	Sample # (lab only)
WH01-SB02@6'	Grab	SS	6'	6/10/25	13:15	3		X										-11
WH01-SB01@6'			6'	6/10/25	13:00	3		X										-12
WH01-SB04@6'			6'	6/10/25	14:10	3		X										-13
WH01-SB03@6'			6'	6/10/25	14:50	3		X										-14
WH01-SB@5'			5'	6/10/25	15:15	3		X										-15
WH01-SB@7'			7'	6/10/25	15:39	3		X										-16

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

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

Relinquished by: (Signature)	Date: 06/10/25	Time: 17:34	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date: 06/11/25	Time: 1800	Received by: (Signature) SWA	Temp: °C Bottles Received: 38
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Carol Burchfield	Date: 6/12/25 Time: 8:10

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Multiple Parcel Form L# L1808956

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	TR 19	0.1	+0.4	0.5	Yes / No / Not Present
SWA	TR 19	0.2	+0.4	0.6	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Carol Brandfield
Name

6/12/25
Date