

Civitas - CO

Sample Delivery Group: L1847570
Samples Received: 04/13/2025
Project Number: LB/DT/GT
Description: Baker C Unit-61N68W 27 SENE
Site: COC62316,COC62314,COC62315,COC
Report To: Sam Vogt / Jacob Evans
4725 Independence
Suite 100
Wheat Ridge, CO 80033

Entire Report Reviewed By:



Mandi Edwards
Project Manager

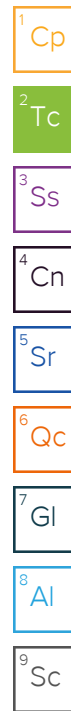
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory 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	8
Sr: Sample Results	9
SEP1-B01 @ 4' L1847570-01	9
SEP2-B01 @ 4' L1847570-02	11
SEP3-B01 @ 6" L1847570-03	13
SEP4-B01 @ 6" L1847570-04	15
SEP1-B02 @ 6" L1847570-05	17
SEP2-B02 @ 6" L1847570-06	19
SEP3-B02 @ 6" L1847570-07	21
SEP4-B02 @ 6" L1847570-08	23
PW-B01 @ 4' L1847570-09	25
PW-W01 @ 3' L1847570-10	27
AST1-B01 @ 3" L1847570-11	29
AST2-B01 @ 3" L1847570-12	31
AST3-B01 @ 3" L1847570-13	33
AST4-B01 @ 3" L1847570-14	35
SP-CS01 L1847570-15	37
Qc: Quality Control Summary	39
Wet Chemistry by Method 7199	39
Wet Chemistry by Method 9045D	40
Wet Chemistry by Method 9050AMod	42
Metals (ICP) by Method 6010B-NE493 Ch 2	44
Metals (ICPMS) by Method 6020	46
Volatile Organic Compounds (GC) by Method 8015D/GRO	48
Volatile Organic Compounds (GC/MS) by Method 8260B	53
Semi-Volatile Organic Compounds (GC) by Method 8015M	55
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	57
Gl: Glossary of Terms	59
Al: Accreditations & Locations	60
Sc: Sample Chain of Custody	61



SAMPLE SUMMARY

SEP1-B01 @ 4' L1847570-01 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:38
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493316	1	04/18/25 09:35	04/18/25 09:35	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 10:59	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2493828	1	04/18/25 05:08	04/18/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2493836	1	04/18/25 04:00	04/18/25 06:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493338	1	04/17/25 16:47	04/18/25 09:01	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:25	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494688	1	04/15/25 11:05	04/19/25 05:44	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 11:05	04/15/25 21:28	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 12:19	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 20:48	TKW	Mt. Juliet, TN

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

SEP2-B01 @ 4' L1847570-02 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:40
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493316	1	04/18/25 09:37	04/18/25 09:37	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 11:08	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2493828	1	04/18/25 05:08	04/18/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2493836	1	04/18/25 04:00	04/18/25 06:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493338	1	04/17/25 16:47	04/18/25 09:03	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:28	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494688	1	04/15/25 11:05	04/19/25 06:08	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 11:05	04/15/25 21:48	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 16:37	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 21:06	TKW	Mt. Juliet, TN

SEP3-B01 @ 6" L1847570-03 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:42
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493316	1	04/18/25 09:39	04/18/25 09:39	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 11:18	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2493828	1	04/18/25 05:08	04/18/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2493836	1	04/18/25 04:00	04/18/25 06:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493338	1	04/17/25 16:47	04/18/25 09:04	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:25	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494688	1	04/15/25 11:05	04/19/25 06:31	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 11:05	04/15/25 22:07	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 15:54	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 21:23	TKW	Mt. Juliet, TN

SEP4-B01 @ 6" L1847570-04 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:44
 Received date/time: 04/13/25 10:15

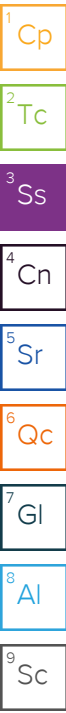
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 14:03	04/18/25 14:03	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 11:27	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:34	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 12:13	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494688	1	04/15/25 11:05	04/19/25 06:55	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 11:05	04/15/25 22:27	JBE	Mt. Juliet, TN

SAMPLE SUMMARY

SEP4-B01 @ 6" L1847570-04 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:44
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	10	04/18/25 06:58	04/18/25 17:34	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 21:41	TKW	Mt. Juliet, TN



SEP1-B02 @ 6" L1847570-05 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:46
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 14:05	04/18/25 14:05	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 11:56	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:35	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2495819	1	04/15/25 11:05	04/21/25 12:11	WHS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 11:05	04/15/25 22:47	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 15:40	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 21:58	TKW	Mt. Juliet, TN

SEP2-B02 @ 6" L1847570-06 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:48
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 14:06	04/18/25 14:06	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 12:06	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:37	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:31	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 11:00	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/15/25 23:07	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 14:43	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 22:16	TKW	Mt. Juliet, TN

SEP3-B02 @ 6" L1847570-07 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:50
 Received date/time: 04/13/25 10:15

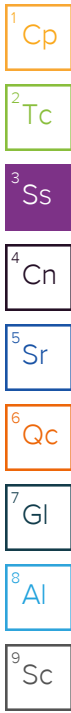
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493316	1	04/18/25 09:40	04/18/25 09:40	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 12:16	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2493828	1	04/18/25 05:08	04/18/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2493836	1	04/18/25 04:00	04/18/25 06:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493338	1	04/17/25 16:47	04/18/25 09:06	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:34	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 11:23	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/15/25 23:27	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 12:34	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 22:34	TKW	Mt. Juliet, TN

SAMPLE SUMMARY

SEP4-B02 @ 6" L1847570-08 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:52
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 14:08	04/18/25 14:08	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 13:05	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:45	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:38	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 11:45	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/15/25 23:47	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 16:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 22:51	TKW	Mt. Juliet, TN



PW-B01 @ 4' L1847570-09 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 12:54
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493316	1	04/18/25 09:42	04/18/25 09:42	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 13:14	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2493828	1	04/18/25 05:08	04/18/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2493836	1	04/18/25 04:00	04/18/25 06:30	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493338	1	04/17/25 16:47	04/18/25 09:11	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491765	5	04/16/25 17:55	04/17/25 13:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 12:08	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 00:07	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 13:17	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/17/25 23:09	TKW	Mt. Juliet, TN

PW-W01 @ 3' L1847570-10 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:02
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 14:10	04/18/25 14:10	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 13:53	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:47	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:41	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 12:30	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 00:26	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2494430	1	04/18/25 15:48	04/19/25 10:54	KKS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 00:01	TKW	Mt. Juliet, TN

AST1-B01 @ 3" L1847570-11 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:04
 Received date/time: 04/13/25 10:15

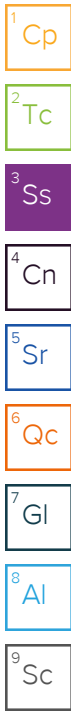
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 13:05	04/18/25 13:05	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 14:03	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:48	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:45	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 12:53	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 00:46	JBE	Mt. Juliet, TN

SAMPLE SUMMARY

AST1-B01 @ 3" L1847570-11 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:04
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 16:23	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 00:19	TKW	Mt. Juliet, TN



AST2-B01 @ 3" L1847570-12 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:06
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 13:07	04/18/25 13:07	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 14:13	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:50	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:48	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 13:15	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 01:06	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 15:25	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 00:36	TKW	Mt. Juliet, TN

AST3-B01 @ 3" L1847570-13 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:08
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 13:08	04/18/25 13:08	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 14:23	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 12:52	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:52	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494761	1	04/15/25 13:21	04/19/25 13:38	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 01:26	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 12:48	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 00:54	TKW	Mt. Juliet, TN

AST4-B01 @ 3" L1847570-14 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:10
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 13:10	04/18/25 13:10	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 14:33	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 14:15	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:55	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2496400	25	04/15/25 13:21	04/22/25 15:04	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2491400	1	04/15/25 13:21	04/16/25 01:45	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 13:45	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 01:12	TKW	Mt. Juliet, TN

SAMPLE SUMMARY

SP-CS01 L1847570-15 Solid

Collected by: Lennon Bakel
 Collected date/time: 04/11/25 13:14
 Received date/time: 04/13/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2493273	1	04/18/25 13:12	04/18/25 13:12	BAG	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2493121	1	04/17/25 15:15	04/18/25 14:43	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2494290	1	04/18/25 12:00	04/18/25 14:47	BRT	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2494284	1	04/18/25 12:00	04/18/25 16:26	BRT	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2493333	1	04/17/25 16:53	04/18/25 14:16	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2491769	5	04/16/25 18:13	04/17/25 13:58	JDB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG2494758	1	04/15/25 13:21	04/19/25 09:39	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2492321	1	04/15/25 13:21	04/17/25 04:31	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2493171	1	04/18/25 06:58	04/18/25 13:03	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2492223	1	04/17/25 09:08	04/18/25 11:28	TKW	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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.



Mandi Edwards
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	0.566		1	04/18/2025 09:35	WG2493316

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 10:59	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.85	<u>T8</u>	1	04/18/2025 08:20	WG2493828

Sample Narrative:

L1847570-01 WG2493828: 7.85 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	3130	umhos/cm		10.0	1	04/18/2025 06:30	WG2493836

Sample Narrative:

L1847570-01 WG2493836: at 25C

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

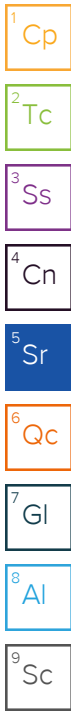
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.849		0.0167	0.200	1	04/18/2025 09:01	WG2493338

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.01		0.100	1.00	5	04/17/2025 13:25	WG2491769
Barium	159		0.152	2.50	5	04/17/2025 13:25	WG2491769
Cadmium	0.158	<u>J</u>	0.0855	1.00	5	04/17/2025 13:25	WG2491769
Copper	11.3		0.132	5.00	5	04/17/2025 13:25	WG2491769
Lead	8.23		0.0990	2.00	5	04/17/2025 13:25	WG2491769
Nickel	11.4		0.197	2.50	5	04/17/2025 13:25	WG2491769
Selenium	0.796	<u>J</u>	0.180	2.50	5	04/17/2025 13:25	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:25	WG2491769
Zinc	43.1		0.740	25.0	5	04/17/2025 13:25	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.0217	0.100	1	04/19/2025 05:44	WG2494688
(S) a,a,a-Trifluorotoluene(FID)	96.8			77.0-120		04/19/2025 05:44	WG2494688



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 21:28	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 21:28	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 21:28	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 21:28	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 21:28	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 21:28	WG2491400
(S) Toluene-d8	99.4			75.0-131		04/15/2025 21:28	WG2491400
(S) 4-Bromofluorobenzene	95.8			67.0-138		04/15/2025 21:28	WG2491400
(S) 1,2-Dichloroethane-d4	90.8			70.0-130		04/15/2025 21:28	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.21		1.61	4.00	1	04/18/2025 12:19	WG2493171
C28-C36 Motor Oil Range	9.33		0.274	4.00	1	04/18/2025 12:19	WG2493171
(S) o-Terphenyl	64.7			18.0-148		04/18/2025 12:19	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 20:48	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 20:48	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 20:48	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 20:48	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 20:48	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 20:48	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 20:48	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 20:48	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 20:48	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 20:48	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 20:48	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 20:48	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 20:48	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 20:48	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 20:48	WG2492223
(S) p-Terphenyl-d14	87.6			23.0-120		04/17/2025 20:48	WG2492223
(S) Nitrobenzene-d5	96.7			14.0-149		04/17/2025 20:48	WG2492223
(S) 2-Fluorobiphenyl	92.3			34.0-125		04/17/2025 20:48	WG2492223

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	0.131		1	04/18/2025 09:37	WG2493316

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

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 11:08	WG2493121

5 Sr

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.00	<u>T8</u>	1	04/18/2025 08:20	WG2493828

6 Qc

Sample Narrative:

L1847570-02 WG2493828: 8 at 21.7C

7 Gl

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	790	umhos/cm		10.0	1	04/18/2025 06:30	WG2493836

8 Al

Sample Narrative:

L1847570-02 WG2493836: at 25C

9 Sc

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.695		0.0167	0.200	1	04/18/2025 09:03	WG2493338

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.49		0.100	1.00	5	04/17/2025 13:28	WG2491769
Barium	141		0.152	2.50	5	04/17/2025 13:28	WG2491769
Cadmium	0.276	<u>J</u>	0.0855	1.00	5	04/17/2025 13:28	WG2491769
Copper	11.1		0.132	5.00	5	04/17/2025 13:28	WG2491769
Lead	10.7		0.0990	2.00	5	04/17/2025 13:28	WG2491769
Nickel	12.3		0.197	2.50	5	04/17/2025 13:28	WG2491769
Selenium	0.748	<u>J</u>	0.180	2.50	5	04/17/2025 13:28	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:28	WG2491769
Zinc	43.0		0.740	25.0	5	04/17/2025 13:28	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.0217	0.100	1	04/19/2025 06:08	WG2494688
(S) a,a,a-Trifluorotoluene(FID)	97.1			77.0-120		04/19/2025 06:08	WG2494688

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 21:48	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 21:48	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 21:48	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 21:48	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 21:48	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 21:48	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 21:48	WG2491400
(S) 4-Bromofluorobenzene	94.1			67.0-138		04/15/2025 21:48	WG2491400
(S) 1,2-Dichloroethane-d4	94.4			70.0-130		04/15/2025 21:48	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	76.7		1.61	4.00	1	04/18/2025 16:37	WG2493171
C28-C36 Motor Oil Range	63.0		0.274	4.00	1	04/18/2025 16:37	WG2493171
(S) o-Terphenyl	36.6			18.0-148		04/18/2025 16:37	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 21:06	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 21:06	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 21:06	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 21:06	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 21:06	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 21:06	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 21:06	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 21:06	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 21:06	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 21:06	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 21:06	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 21:06	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 21:06	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 21:06	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 21:06	WG2492223
(S) p-Terphenyl-d14	95.1			23.0-120		04/17/2025 21:06	WG2492223
(S) Nitrobenzene-d5	101			14.0-149		04/17/2025 21:06	WG2492223
(S) 2-Fluorobiphenyl	96.5			34.0-125		04/17/2025 21:06	WG2492223

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	0.255		1	04/18/2025 09:39	WG2493316

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 11:18	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.19	<u>T8</u>	1	04/18/2025 08:20	WG2493828

Sample Narrative:

L1847570-03 WG2493828: 8.19 at 21.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	303	umhos/cm		10.0	1	04/18/2025 06:30	WG2493836

Sample Narrative:

L1847570-03 WG2493836: at 25C

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

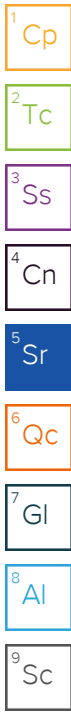
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.745		0.0167	0.200	1	04/18/2025 09:04	WG2493338

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.56		0.100	1.00	5	04/17/2025 13:25	WG2491765
Barium	168		0.152	2.50	5	04/17/2025 13:25	WG2491765
Cadmium	0.201	<u>J</u>	0.0855	1.00	5	04/17/2025 13:25	WG2491765
Copper	11.1		0.132	5.00	5	04/17/2025 13:25	WG2491765
Lead	9.81		0.0990	2.00	5	04/17/2025 13:25	WG2491765
Nickel	13.5		0.197	2.50	5	04/17/2025 13:25	WG2491765
Selenium	0.416	<u>J</u>	0.180	2.50	5	04/17/2025 13:25	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:25	WG2491765
Zinc	42.5		0.740	25.0	5	04/17/2025 13:25	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.0217	0.100	1	04/19/2025 06:31	WG2494688
(S) a,a,a-Trifluorotoluene(FID)	96.6			77.0-120		04/19/2025 06:31	WG2494688



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 22:07	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 22:07	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 22:07	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 22:07	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 22:07	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 22:07	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 22:07	WG2491400
(S) 4-Bromofluorobenzene	95.8			67.0-138		04/15/2025 22:07	WG2491400
(S) 1,2-Dichloroethane-d4	91.6			70.0-130		04/15/2025 22:07	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	77.0		1.61	4.00	1	04/18/2025 15:54	WG2493171
C28-C36 Motor Oil Range	79.2		0.274	4.00	1	04/18/2025 15:54	WG2493171
(S) o-Terphenyl	36.1			18.0-148		04/18/2025 15:54	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 21:23	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 21:23	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 21:23	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 21:23	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 21:23	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 21:23	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 21:23	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 21:23	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 21:23	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 21:23	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 21:23	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 21:23	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 21:23	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 21:23	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 21:23	WG2492223
(S) p-Terphenyl-d14	90.9			23.0-120		04/17/2025 21:23	WG2492223
(S) Nitrobenzene-d5	98.4			14.0-149		04/17/2025 21:23	WG2492223
(S) 2-Fluorobiphenyl	92.3			34.0-125		04/17/2025 21:23	WG2492223

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	0.235		1	04/18/2025 14:03	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 11:27	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.08	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-04 WG2494290: 8.08 at 21.1C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	566	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-04 WG2494284: at 25C

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

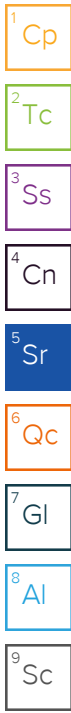
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.464		0.0167	0.200	1	04/18/2025 12:34	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.60		0.100	1.00	5	04/17/2025 12:13	WG2491765
Barium	73.4		0.152	2.50	5	04/17/2025 12:13	WG2491765
Cadmium	0.115	<u>J</u>	0.0855	1.00	5	04/17/2025 12:13	WG2491765
Copper	8.55		0.132	5.00	5	04/17/2025 12:13	WG2491765
Lead	7.17		0.0990	2.00	5	04/17/2025 12:13	WG2491765
Nickel	8.30		0.197	2.50	5	04/17/2025 12:13	WG2491765
Selenium	0.552	<u>J</u>	0.180	2.50	5	04/17/2025 12:13	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 12:13	WG2491765
Zinc	30.9		0.740	25.0	5	04/17/2025 12:13	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.0217	0.100	1	04/19/2025 06:55	WG2494688
(S) a,a,a-Trifluorotoluene(FID)	96.4			77.0-120		04/19/2025 06:55	WG2494688



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 22:27	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 22:27	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 22:27	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 22:27	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 22:27	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 22:27	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 22:27	WG2491400
(S) 4-Bromofluorobenzene	94.6			67.0-138		04/15/2025 22:27	WG2491400
(S) 1,2-Dichloroethane-d4	94.8			70.0-130		04/15/2025 22:27	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	804		16.1	40.0	10	04/18/2025 17:34	WG2493171
C28-C36 Motor Oil Range	408		2.74	40.0	10	04/18/2025 17:34	WG2493171
(S) o-Terphenyl	70.2			18.0-148		04/18/2025 17:34	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 21:41	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 21:41	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 21:41	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 21:41	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 21:41	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 21:41	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 21:41	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 21:41	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 21:41	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 21:41	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 21:41	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 21:41	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 21:41	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 21:41	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 21:41	WG2492223
(S) p-Terphenyl-d14	77.2			23.0-120		04/17/2025 21:41	WG2492223
(S) Nitrobenzene-d5	87.8			14.0-149		04/17/2025 21:41	WG2492223
(S) 2-Fluorobiphenyl	80.0			34.0-125		04/17/2025 21:41	WG2492223

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	04/18/2025 14:05	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 11:56	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.87	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-05 WG2494290: 7.87 at 20.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1470	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-05 WG2494284: at 25C

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

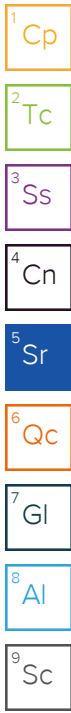
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.567		0.0167	0.200	1	04/18/2025 12:35	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.10		0.100	1.00	5	04/17/2025 13:28	WG2491765
Barium	61.0		0.152	2.50	5	04/17/2025 13:28	WG2491765
Cadmium	ND		0.0855	1.00	5	04/17/2025 13:28	WG2491765
Copper	6.14		0.132	5.00	5	04/17/2025 13:28	WG2491765
Lead	4.74		0.0990	2.00	5	04/17/2025 13:28	WG2491765
Nickel	6.39		0.197	2.50	5	04/17/2025 13:28	WG2491765
Selenium	0.288	<u>J</u>	0.180	2.50	5	04/17/2025 13:28	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:28	WG2491765
Zinc	22.1	<u>J</u>	0.740	25.0	5	04/17/2025 13:28	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0689	<u>B J</u>	0.0217	0.100	1	04/21/2025 12:11	WG2495819
(S) a,a,a-Trifluorotoluene(FID)	95.8			77.0-120		04/21/2025 12:11	WG2495819



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 22:47	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 22:47	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 22:47	WG2491400
Xylenes, Total	0.00428	J	0.000880	0.00650	1	04/15/2025 22:47	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 22:47	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 22:47	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 22:47	WG2491400
(S) 4-Bromofluorobenzene	100			67.0-138		04/15/2025 22:47	WG2491400
(S) 1,2-Dichloroethane-d4	94.1			70.0-130		04/15/2025 22:47	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	87.6		1.61	4.00	1	04/18/2025 15:40	WG2493171
C28-C36 Motor Oil Range	42.7		0.274	4.00	1	04/18/2025 15:40	WG2493171
(S) o-Terphenyl	35.7			18.0-148		04/18/2025 15:40	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 21:58	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 21:58	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 21:58	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 21:58	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 21:58	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 21:58	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 21:58	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 21:58	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 21:58	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 21:58	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 21:58	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 21:58	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 21:58	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 21:58	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 21:58	WG2492223
(S) p-Terphenyl-d14	79.8			23.0-120		04/17/2025 21:58	WG2492223
(S) Nitrobenzene-d5	87.5			14.0-149		04/17/2025 21:58	WG2492223
(S) 2-Fluorobiphenyl	80.8			34.0-125		04/17/2025 21:58	WG2492223

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	0.349		1	04/18/2025 14:06	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 12:06	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.11	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-06 WG2494290: 8.11 at 20.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	381	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-06 WG2494284: at 25C

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

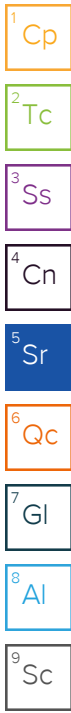
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.681		0.0167	0.200	1	04/18/2025 12:37	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.96		0.100	1.00	5	04/17/2025 13:31	WG2491765
Barium	134		0.152	2.50	5	04/17/2025 13:31	WG2491765
Cadmium	0.215	<u>J</u>	0.0855	1.00	5	04/17/2025 13:31	WG2491765
Copper	12.7		0.132	5.00	5	04/17/2025 13:31	WG2491765
Lead	11.0		0.0990	2.00	5	04/17/2025 13:31	WG2491765
Nickel	14.2		0.197	2.50	5	04/17/2025 13:31	WG2491765
Selenium	0.766	<u>J</u>	0.180	2.50	5	04/17/2025 13:31	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:31	WG2491765
Zinc	47.5		0.740	25.0	5	04/17/2025 13:31	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0322	<u>B J</u>	0.0217	0.100	1	04/19/2025 11:00	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	96.5			77.0-120		04/19/2025 11:00	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 23:07	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 23:07	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 23:07	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 23:07	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 23:07	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 23:07	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 23:07	WG2491400
(S) 4-Bromofluorobenzene	96.0			67.0-138		04/15/2025 23:07	WG2491400
(S) 1,2-Dichloroethane-d4	93.5			70.0-130		04/15/2025 23:07	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	1.82	J	1.61	4.00	1	04/18/2025 14:43	WG2493171
C28-C36 Motor Oil Range	5.04		0.274	4.00	1	04/18/2025 14:43	WG2493171
(S) o-Terphenyl	59.2			18.0-148		04/18/2025 14:43	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 22:16	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 22:16	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 22:16	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 22:16	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 22:16	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 22:16	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 22:16	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 22:16	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 22:16	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 22:16	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 22:16	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 22:16	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 22:16	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 22:16	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 22:16	WG2492223
(S) p-Terphenyl-d14	94.0			23.0-120		04/17/2025 22:16	WG2492223
(S) Nitrobenzene-d5	99.0			14.0-149		04/17/2025 22:16	WG2492223
(S) 2-Fluorobiphenyl	96.0			34.0-125		04/17/2025 22:16	WG2492223

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	0.0452		1	04/18/2025 09:40	WG2493316

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 12:16	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.83	<u>T8</u>	1	04/18/2025 08:20	WG2493828

Sample Narrative:

L1847570-07 WG2493828: 7.83 at 21.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1690	umhos/cm		10.0	1	04/18/2025 06:30	WG2493836

Sample Narrative:

L1847570-07 WG2493836: at 25C

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

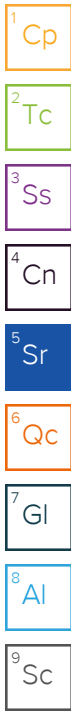
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.743		0.0167	0.200	1	04/18/2025 09:06	WG2493338

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.32		0.100	1.00	5	04/17/2025 13:34	WG2491765
Barium	158		0.152	2.50	5	04/17/2025 13:34	WG2491765
Cadmium	0.199	<u>J</u>	0.0855	1.00	5	04/17/2025 13:34	WG2491765
Copper	11.6		0.132	5.00	5	04/17/2025 13:34	WG2491765
Lead	10.8		0.0990	2.00	5	04/17/2025 13:34	WG2491765
Nickel	13.4		0.197	2.50	5	04/17/2025 13:34	WG2491765
Selenium	0.455	<u>J</u>	0.180	2.50	5	04/17/2025 13:34	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:34	WG2491765
Zinc	44.2		0.740	25.0	5	04/17/2025 13:34	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0318	<u>B J</u>	0.0217	0.100	1	04/19/2025 11:23	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	96.4			77.0-120		04/19/2025 11:23	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 23:27	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 23:27	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 23:27	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 23:27	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 23:27	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 23:27	WG2491400
(S) Toluene-d8	101			75.0-131		04/15/2025 23:27	WG2491400
(S) 4-Bromofluorobenzene	96.1			67.0-138		04/15/2025 23:27	WG2491400
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		04/15/2025 23:27	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	30.7		1.61	4.00	1	04/18/2025 12:34	WG2493171
C28-C36 Motor Oil Range	28.2		0.274	4.00	1	04/18/2025 12:34	WG2493171
(S) o-Terphenyl	58.9			18.0-148		04/18/2025 12:34	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 22:34	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 22:34	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 22:34	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 22:34	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 22:34	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 22:34	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 22:34	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 22:34	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 22:34	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 22:34	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 22:34	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 22:34	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 22:34	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 22:34	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 22:34	WG2492223
(S) p-Terphenyl-d14	91.9			23.0-120		04/17/2025 22:34	WG2492223
(S) Nitrobenzene-d5	96.9			14.0-149		04/17/2025 22:34	WG2492223
(S) 2-Fluorobiphenyl	94.0			34.0-125		04/17/2025 22:34	WG2492223

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	0.103		1	04/18/2025 14:08	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 13:05	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.27	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-08 WG2494290: 8.27 at 20.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	174	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-08 WG2494284: at 25C

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.152	<u>J</u>	0.0167	0.200	1	04/18/2025 12:45	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.43		0.100	1.00	5	04/17/2025 13:38	WG2491765
Barium	97.6		0.152	2.50	5	04/17/2025 13:38	WG2491765
Cadmium	0.144	<u>J</u>	0.0855	1.00	5	04/17/2025 13:38	WG2491765
Copper	8.34		0.132	5.00	5	04/17/2025 13:38	WG2491765
Lead	6.86		0.0990	2.00	5	04/17/2025 13:38	WG2491765
Nickel	8.71		0.197	2.50	5	04/17/2025 13:38	WG2491765
Selenium	0.263	<u>J</u>	0.180	2.50	5	04/17/2025 13:38	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:38	WG2491765
Zinc	30.8		0.740	25.0	5	04/17/2025 13:38	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0508	<u>B J</u>	0.0217	0.100	1	04/19/2025 11:45	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	97.2			77.0-120		04/19/2025 11:45	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/15/2025 23:47	WG2491400
Toluene	ND		0.00130	0.00500	1	04/15/2025 23:47	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/15/2025 23:47	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/15/2025 23:47	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/15/2025 23:47	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/15/2025 23:47	WG2491400
(S) Toluene-d8	99.2			75.0-131		04/15/2025 23:47	WG2491400
(S) 4-Bromofluorobenzene	94.9			67.0-138		04/15/2025 23:47	WG2491400
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		04/15/2025 23:47	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.57		1.61	4.00	1	04/18/2025 16:51	WG2493171
C28-C36 Motor Oil Range	45.7		0.274	4.00	1	04/18/2025 16:51	WG2493171
(S) o-Terphenyl	44.4			18.0-148		04/18/2025 16:51	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 22:51	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 22:51	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 22:51	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 22:51	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 22:51	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 22:51	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 22:51	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 22:51	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 22:51	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 22:51	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 22:51	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 22:51	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 22:51	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 22:51	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 22:51	WG2492223
(S) p-Terphenyl-d14	101			23.0-120		04/17/2025 22:51	WG2492223
(S) Nitrobenzene-d5	104			14.0-149		04/17/2025 22:51	WG2492223
(S) 2-Fluorobiphenyl	101			34.0-125		04/17/2025 22:51	WG2492223

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	0.0449		1	04/18/2025 09:42	WG2493316

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

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 13:14	WG2493121

- 5 Sr
- 6 Qc

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.46	<u>T8</u>	1	04/18/2025 08:20	WG2493828

- 7 Gl
- 8 Al

Sample Narrative:

L1847570-09 WG2493828: 8.46 at 22C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	129	umhos/cm		10.0	1	04/18/2025 06:30	WG2493836

- 9 Sc

Sample Narrative:

L1847570-09 WG2493836: at 25C

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.121	<u>J</u>	0.0167	0.200	1	04/18/2025 09:11	WG2493338

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.40		0.100	1.00	5	04/17/2025 13:41	WG2491765
Barium	74.7		0.152	2.50	5	04/17/2025 13:41	WG2491765
Cadmium	0.104	<u>J</u>	0.0855	1.00	5	04/17/2025 13:41	WG2491765
Copper	8.92		0.132	5.00	5	04/17/2025 13:41	WG2491765
Lead	7.55		0.0990	2.00	5	04/17/2025 13:41	WG2491765
Nickel	8.91		0.197	2.50	5	04/17/2025 13:41	WG2491765
Selenium	0.467	<u>J</u>	0.180	2.50	5	04/17/2025 13:41	WG2491765
Silver	ND		0.0865	0.500	5	04/17/2025 13:41	WG2491765
Zinc	28.2		0.740	25.0	5	04/17/2025 13:41	WG2491765

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0400	<u>B J</u>	0.0217	0.100	1	04/19/2025 12:08	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	96.8			77.0-120		04/19/2025 12:08	WG2494761

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 00:07	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 00:07	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 00:07	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 00:07	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 00:07	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 00:07	WG2491400
(S) Toluene-d8	102			75.0-131		04/16/2025 00:07	WG2491400
(S) 4-Bromofluorobenzene	95.9			67.0-138		04/16/2025 00:07	WG2491400
(S) 1,2-Dichloroethane-d4	94.2			70.0-130		04/16/2025 00:07	WG2491400

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

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	04/18/2025 13:17	WG2493171
C28-C36 Motor Oil Range	ND		0.274	4.00	1	04/18/2025 13:17	WG2493171
(S) o-Terphenyl	49.7			18.0-148		04/18/2025 13:17	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/17/2025 23:09	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/17/2025 23:09	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/17/2025 23:09	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/17/2025 23:09	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/17/2025 23:09	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/17/2025 23:09	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/17/2025 23:09	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/17/2025 23:09	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/17/2025 23:09	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/17/2025 23:09	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/17/2025 23:09	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/17/2025 23:09	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/17/2025 23:09	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/17/2025 23:09	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/17/2025 23:09	WG2492223
(S) p-Terphenyl-d14	78.4			23.0-120		04/17/2025 23:09	WG2492223
(S) Nitrobenzene-d5	87.1			14.0-149		04/17/2025 23:09	WG2492223
(S) 2-Fluorobiphenyl	80.8			34.0-125		04/17/2025 23:09	WG2492223

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0841		1	04/18/2025 14:10	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 13:53	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.21	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-10 WG2494290: 8.21 at 20.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	202	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-10 WG2494284: at 25C

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

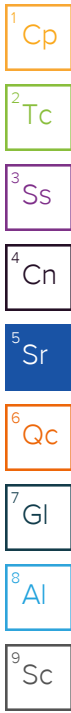
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.124	<u>J</u>	0.0167	0.200	1	04/18/2025 12:47	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.26		0.100	1.00	5	04/17/2025 13:41	WG2491769
Barium	63.7		0.152	2.50	5	04/17/2025 13:41	WG2491769
Cadmium	0.0987	<u>J</u>	0.0855	1.00	5	04/17/2025 13:41	WG2491769
Copper	7.90		0.132	5.00	5	04/17/2025 13:41	WG2491769
Lead	5.36		0.0990	2.00	5	04/17/2025 13:41	WG2491769
Nickel	8.13		0.197	2.50	5	04/17/2025 13:41	WG2491769
Selenium	0.478	<u>J</u>	0.180	2.50	5	04/17/2025 13:41	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:41	WG2491769
Zinc	27.3		0.740	25.0	5	04/17/2025 13:41	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0349	<u>B J</u>	0.0217	0.100	1	04/19/2025 12:30	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	97.3			77.0-120		04/19/2025 12:30	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 00:26	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 00:26	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 00:26	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 00:26	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 00:26	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 00:26	WG2491400
(S) Toluene-d8	100			75.0-131		04/16/2025 00:26	WG2491400
(S) 4-Bromofluorobenzene	95.7			67.0-138		04/16/2025 00:26	WG2491400
(S) 1,2-Dichloroethane-d4	97.2			70.0-130		04/16/2025 00:26	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	04/19/2025 10:54	WG2494430
C28-C36 Motor Oil Range	0.294	J	0.274	4.00	1	04/19/2025 10:54	WG2494430
(S) o-Terphenyl	48.0			18.0-148		04/19/2025 10:54	WG2494430

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 00:01	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 00:01	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 00:01	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 00:01	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 00:01	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 00:01	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 00:01	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 00:01	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 00:01	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 00:01	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 00:01	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 00:01	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 00:01	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 00:01	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 00:01	WG2492223
(S) p-Terphenyl-d14	85.5			23.0-120		04/18/2025 00:01	WG2492223
(S) Nitrobenzene-d5	96.7			14.0-149		04/18/2025 00:01	WG2492223
(S) 2-Fluorobiphenyl	88.4			34.0-125		04/18/2025 00:01	WG2492223

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	0.398		1	04/18/2025 13:05	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.464	J	0.379	1.00	1	04/18/2025 14:03	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.78	T8	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-11 WG2494290: 8.78 at 20.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	135	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-11 WG2494284: at 25C

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

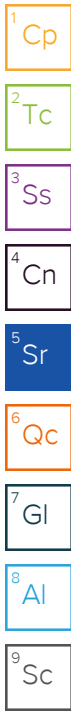
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.136	J	0.0167	0.200	1	04/18/2025 12:48	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.35		0.100	1.00	5	04/17/2025 13:45	WG2491769
Barium	51.4		0.152	2.50	5	04/17/2025 13:45	WG2491769
Cadmium	0.179	J	0.0855	1.00	5	04/17/2025 13:45	WG2491769
Copper	13.1		0.132	5.00	5	04/17/2025 13:45	WG2491769
Lead	7.67		0.0990	2.00	5	04/17/2025 13:45	WG2491769
Nickel	11.0		0.197	2.50	5	04/17/2025 13:45	WG2491769
Selenium	0.452	J	0.180	2.50	5	04/17/2025 13:45	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:45	WG2491769
Zinc	32.1		0.740	25.0	5	04/17/2025 13:45	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0438	B J	0.0217	0.100	1	04/19/2025 12:53	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	97.8			77.0-120		04/19/2025 12:53	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 00:46	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 00:46	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 00:46	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 00:46	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 00:46	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 00:46	WG2491400
(S) Toluene-d8	99.9			75.0-131		04/16/2025 00:46	WG2491400
(S) 4-Bromofluorobenzene	94.3			67.0-138		04/16/2025 00:46	WG2491400
(S) 1,2-Dichloroethane-d4	92.3			70.0-130		04/16/2025 00:46	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	04/18/2025 16:23	WG2493171
C28-C36 Motor Oil Range	6.93		0.274	4.00	1	04/18/2025 16:23	WG2493171
(S) o-Terphenyl	50.3			18.0-148		04/18/2025 16:23	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 00:19	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 00:19	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 00:19	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 00:19	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 00:19	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 00:19	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 00:19	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 00:19	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 00:19	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 00:19	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 00:19	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 00:19	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 00:19	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 00:19	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 00:19	WG2492223
(S) p-Terphenyl-d14	99.5			23.0-120		04/18/2025 00:19	WG2492223
(S) Nitrobenzene-d5	104			14.0-149		04/18/2025 00:19	WG2492223
(S) 2-Fluorobiphenyl	99.4			34.0-125		04/18/2025 00:19	WG2492223

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	0.274		1	04/18/2025 13:07	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 14:13	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.65	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-12 WG2494290: 8.65 at 20.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	154	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-12 WG2494284: at 25C

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

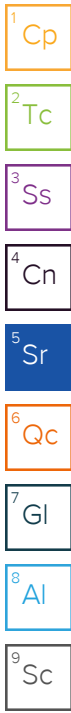
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.143	<u>J</u>	0.0167	0.200	1	04/18/2025 12:50	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.28		0.100	1.00	5	04/17/2025 13:48	WG2491769
Barium	55.5		0.152	2.50	5	04/17/2025 13:48	WG2491769
Cadmium	ND		0.0855	1.00	5	04/17/2025 13:48	WG2491769
Copper	8.70		0.132	5.00	5	04/17/2025 13:48	WG2491769
Lead	5.38		0.0990	2.00	5	04/17/2025 13:48	WG2491769
Nickel	7.53		0.197	2.50	5	04/17/2025 13:48	WG2491769
Selenium	0.438	<u>J</u>	0.180	2.50	5	04/17/2025 13:48	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:48	WG2491769
Zinc	26.9		0.740	25.0	5	04/17/2025 13:48	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0452	<u>B J</u>	0.0217	0.100	1	04/19/2025 13:15	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	97.1			77.0-120		04/19/2025 13:15	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 01:06	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 01:06	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 01:06	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 01:06	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 01:06	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 01:06	WG2491400
(S) Toluene-d8	99.4			75.0-131		04/16/2025 01:06	WG2491400
(S) 4-Bromofluorobenzene	94.8			67.0-138		04/16/2025 01:06	WG2491400
(S) 1,2-Dichloroethane-d4	94.6			70.0-130		04/16/2025 01:06	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	04/18/2025 15:25	WG2493171
C28-C36 Motor Oil Range	1.43	J	0.274	4.00	1	04/18/2025 15:25	WG2493171
(S) o-Terphenyl	57.8			18.0-148		04/18/2025 15:25	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 00:36	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 00:36	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 00:36	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 00:36	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 00:36	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 00:36	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 00:36	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 00:36	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 00:36	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 00:36	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 00:36	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 00:36	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 00:36	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 00:36	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 00:36	WG2492223
(S) p-Terphenyl-d14	103			23.0-120		04/18/2025 00:36	WG2492223
(S) Nitrobenzene-d5	106			14.0-149		04/18/2025 00:36	WG2492223
(S) 2-Fluorobiphenyl	101			34.0-125		04/18/2025 00:36	WG2492223

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	0.156		1	04/18/2025 13:08	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 14:23	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.62	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-13 WG2494290: 8.62 at 20.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	138	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-13 WG2494284: at 25C

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

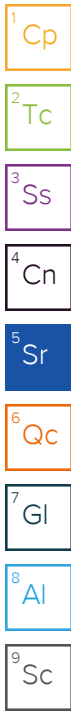
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.128	<u>J</u>	0.0167	0.200	1	04/18/2025 12:52	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.96		0.100	1.00	5	04/17/2025 13:52	WG2491769
Barium	45.7		0.152	2.50	5	04/17/2025 13:52	WG2491769
Cadmium	ND		0.0855	1.00	5	04/17/2025 13:52	WG2491769
Copper	8.58		0.132	5.00	5	04/17/2025 13:52	WG2491769
Lead	4.84		0.0990	2.00	5	04/17/2025 13:52	WG2491769
Nickel	7.45		0.197	2.50	5	04/17/2025 13:52	WG2491769
Selenium	0.393	<u>J</u>	0.180	2.50	5	04/17/2025 13:52	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:52	WG2491769
Zinc	24.9	<u>J</u>	0.740	25.0	5	04/17/2025 13:52	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.0427	<u>B J</u>	0.0217	0.100	1	04/19/2025 13:38	WG2494761
(S) a,a,a-Trifluorotoluene(FID)	97.4			77.0-120		04/19/2025 13:38	WG2494761



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 01:26	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 01:26	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 01:26	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 01:26	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 01:26	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 01:26	WG2491400
(S) Toluene-d8	100			75.0-131		04/16/2025 01:26	WG2491400
(S) 4-Bromofluorobenzene	95.2			67.0-138		04/16/2025 01:26	WG2491400
(S) 1,2-Dichloroethane-d4	94.8			70.0-130		04/16/2025 01:26	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.24		1.61	4.00	1	04/18/2025 12:48	WG2493171
C28-C36 Motor Oil Range	10.0		0.274	4.00	1	04/18/2025 12:48	WG2493171
(S) o-Terphenyl	57.9			18.0-148		04/18/2025 12:48	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 00:54	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 00:54	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 00:54	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 00:54	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 00:54	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 00:54	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 00:54	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 00:54	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 00:54	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 00:54	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 00:54	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 00:54	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 00:54	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 00:54	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 00:54	WG2492223
(S) p-Terphenyl-d14	87.3			23.0-120		04/18/2025 00:54	WG2492223
(S) Nitrobenzene-d5	86.4			14.0-149		04/18/2025 00:54	WG2492223
(S) 2-Fluorobiphenyl	84.4			34.0-125		04/18/2025 00:54	WG2492223

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	0.551		1	04/18/2025 13:10	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 14:33	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.27	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-14 WG2494290: 8.27 at 20.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	479	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-14 WG2494284: at 25C

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

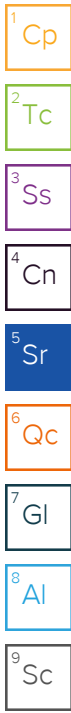
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.155	<u>J</u>	0.0167	0.200	1	04/18/2025 14:15	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.76		0.100	1.00	5	04/17/2025 13:55	WG2491769
Barium	49.8		0.152	2.50	5	04/17/2025 13:55	WG2491769
Cadmium	ND		0.0855	1.00	5	04/17/2025 13:55	WG2491769
Copper	8.52		0.132	5.00	5	04/17/2025 13:55	WG2491769
Lead	5.20		0.0990	2.00	5	04/17/2025 13:55	WG2491769
Nickel	7.86		0.197	2.50	5	04/17/2025 13:55	WG2491769
Selenium	0.416	<u>J</u>	0.180	2.50	5	04/17/2025 13:55	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:55	WG2491769
Zinc	26.5		0.740	25.0	5	04/17/2025 13:55	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.903	<u>B J</u>	0.543	2.50	25	04/22/2025 15:04	WG2496400
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		04/22/2025 15:04	WG2496400



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/16/2025 01:45	WG2491400
Toluene	ND		0.00130	0.00500	1	04/16/2025 01:45	WG2491400
Ethylbenzene	ND		0.000737	0.00250	1	04/16/2025 01:45	WG2491400
Xylenes, Total	ND		0.000880	0.00650	1	04/16/2025 01:45	WG2491400
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/16/2025 01:45	WG2491400
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/16/2025 01:45	WG2491400
(S) Toluene-d8	99.6			75.0-131		04/16/2025 01:45	WG2491400
(S) 4-Bromofluorobenzene	95.9			67.0-138		04/16/2025 01:45	WG2491400
(S) 1,2-Dichloroethane-d4	95.6			70.0-130		04/16/2025 01:45	WG2491400

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		1.61	4.00	1	04/18/2025 13:45	WG2493171
C28-C36 Motor Oil Range	1.10	J	0.274	4.00	1	04/18/2025 13:45	WG2493171
(S) o-Terphenyl	44.2			18.0-148		04/18/2025 13:45	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 01:12	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 01:12	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 01:12	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 01:12	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 01:12	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 01:12	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 01:12	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 01:12	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 01:12	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 01:12	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 01:12	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 01:12	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 01:12	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 01:12	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 01:12	WG2492223
(S) p-Terphenyl-d14	89.6			23.0-120		04/18/2025 01:12	WG2492223
(S) Nitrobenzene-d5	93.8			14.0-149		04/18/2025 01:12	WG2492223
(S) 2-Fluorobiphenyl	90.7			34.0-125		04/18/2025 01:12	WG2492223

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	0.233		1	04/18/2025 13:12	WG2493273

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.379	1.00	1	04/18/2025 14:43	WG2493121

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.80	<u>T8</u>	1	04/18/2025 14:47	WG2494290

Sample Narrative:

L1847570-15 WG2494290: 7.8 at 20.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1590	umhos/cm		10.0	1	04/18/2025 16:26	WG2494284

Sample Narrative:

L1847570-15 WG2494284: at 25C

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

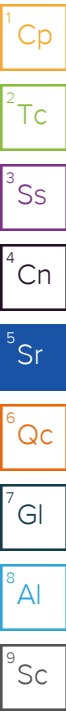
Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.846		0.0167	0.200	1	04/18/2025 14:16	WG2493333

Metals (ICPMS) by Method 6020

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.69		0.100	1.00	5	04/17/2025 13:58	WG2491769
Barium	217		0.152	2.50	5	04/17/2025 13:58	WG2491769
Cadmium	0.193	<u>J</u>	0.0855	1.00	5	04/17/2025 13:58	WG2491769
Copper	12.2		0.132	5.00	5	04/17/2025 13:58	WG2491769
Lead	10.7		0.0990	2.00	5	04/17/2025 13:58	WG2491769
Nickel	13.3		0.197	2.50	5	04/17/2025 13:58	WG2491769
Selenium	0.868	<u>J</u>	0.180	2.50	5	04/17/2025 13:58	WG2491769
Silver	ND		0.0865	0.500	5	04/17/2025 13:58	WG2491769
Zinc	47.3		0.740	25.0	5	04/17/2025 13:58	WG2491769

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.0217	0.100	1	04/19/2025 09:39	WG2494758
(S) a,a,a-Trifluorotoluene(FID)	85.4			77.0-120		04/19/2025 09:39	WG2494758



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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.000467	0.00100	1	04/17/2025 04:31	WG2492321
Toluene	0.00175	<u>B</u> <u>J</u>	0.00130	0.00500	1	04/17/2025 04:31	WG2492321
Ethylbenzene	ND		0.000737	0.00250	1	04/17/2025 04:31	WG2492321
Xylenes, Total	ND		0.000880	0.00650	1	04/17/2025 04:31	WG2492321
1,2,4-Trimethylbenzene	ND		0.00158	0.00500	1	04/17/2025 04:31	WG2492321
1,3,5-Trimethylbenzene	ND		0.00200	0.00500	1	04/17/2025 04:31	WG2492321
(S) Toluene-d8	93.5			75.0-131		04/17/2025 04:31	WG2492321
(S) 4-Bromofluorobenzene	101			67.0-138		04/17/2025 04:31	WG2492321
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		04/17/2025 04:31	WG2492321

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	2.17	<u>J</u>	1.61	4.00	1	04/18/2025 13:03	WG2493171
C28-C36 Motor Oil Range	16.9		0.274	4.00	1	04/18/2025 13:03	WG2493171
(S) o-Terphenyl	67.3			18.0-148		04/18/2025 13:03	WG2493171

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

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00162	0.00600	1	04/18/2025 11:28	WG2492223
Anthracene	ND		0.00163	0.00600	1	04/18/2025 11:28	WG2492223
Benzo(a)anthracene	ND		0.00200	0.00600	1	04/18/2025 11:28	WG2492223
Benzo(b)fluoranthene	ND		0.00275	0.00600	1	04/18/2025 11:28	WG2492223
Benzo(k)fluoranthene	ND		0.00213	0.00600	1	04/18/2025 11:28	WG2492223
Benzo(a)pyrene	ND		0.00163	0.00600	1	04/18/2025 11:28	WG2492223
Chrysene	ND		0.00206	0.00600	1	04/18/2025 11:28	WG2492223
Dibenz(a,h)anthracene	ND		0.00201	0.00600	1	04/18/2025 11:28	WG2492223
Fluoranthene	ND		0.00239	0.00600	1	04/18/2025 11:28	WG2492223
Fluorene	ND		0.00180	0.00600	1	04/18/2025 11:28	WG2492223
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600	1	04/18/2025 11:28	WG2492223
1-Methylnaphthalene	ND		0.00219	0.0200	1	04/18/2025 11:28	WG2492223
2-Methylnaphthalene	ND		0.00571	0.0200	1	04/18/2025 11:28	WG2492223
Naphthalene	ND		0.00579	0.0200	1	04/18/2025 11:28	WG2492223
Pyrene	ND		0.00205	0.00600	1	04/18/2025 11:28	WG2492223
(S) p-Terphenyl-d14	101			23.0-120		04/18/2025 11:28	WG2492223
(S) Nitrobenzene-d5	108			14.0-149		04/18/2025 11:28	WG2492223
(S) 2-Fluorobiphenyl	104			34.0-125		04/18/2025 11:28	WG2492223

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

Method Blank (MB)

(MB) R4201738-1 04/18/25 10:01

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

L1847371-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1847371-07 04/18/25 10:30 • (DUP) R4201738-3 04/18/25 10:39

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

L1847570-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1847570-09 04/18/25 13:14 • (DUP) R4201738-8 04/18/25 13:24

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) R4201738-2 04/18/25 10:10

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

L1847570-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847570-07 04/18/25 12:16 • (MS) R4201738-4 04/18/25 12:26 • (MSD) R4201738-5 04/18/25 12:35

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	19.4	19.4	97.1	97.1	1	75.0-125			0.0499	20

L1847570-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1847570-07 04/18/25 12:16 • (MS) R4201738-6 04/18/25 12:45

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	648	ND	705	109	50	75.0-125	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1847567-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1847567-01 04/18/25 08:20 • (DUP) R4201446-2 04/18/25 08:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	8.24	8.23	1	0.121		1

Sample Narrative:

OS: 8.24 at 21.4C
 DUP: 8.23 at 21.5C

L1847686-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1847686-01 04/18/25 08:20 • (DUP) R4201446-3 04/18/25 08:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.70	7.71	1	0.130		1

Sample Narrative:

OS: 7.7 at 20.7C
 DUP: 7.71 at 20.7C

Laboratory Control Sample (LCS)

(LCS) R4201446-1 04/18/25 08:20

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 19.7C



L1847570-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1847570-04 04/18/25 14:47 • (DUP) R4201739-2 04/18/25 14:47

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.08	8.05	1	0.372		1

Sample Narrative:

OS: 8.08 at 21.1C
DUP: 8.05 at 21.2C

L1847576-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1847576-05 04/18/25 14:47 • (DUP) R4201739-3 04/18/25 14:47

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.83	7.84	1	0.128		1

Sample Narrative:

OS: 7.83 at 20.4C
DUP: 7.84 at 20.6C

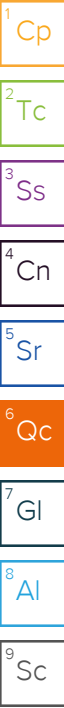
Laboratory Control Sample (LCS)

(LCS) R4201739-1 04/18/25 14:47

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

Sample Narrative:

LCS: 10.01 at 20.7C



Method Blank (MB)

(MB) R4201436-1 04/18/25 06:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	umhos/cm		umhos/cm	umhos/cm
	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1847567-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1847567-02 04/18/25 06:30 • (DUP) R4201436-3 04/18/25 06:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	149	150	1	0.534		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1847700-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1847700-01 04/18/25 06:30 • (DUP) R4201436-4 04/18/25 06:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	193	196	1	1.65		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4201436-2 04/18/25 06:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
	1130	1140	101	85.0-115	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4201863-1 04/18/25 16:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	umhos/cm		umhos/cm	umhos/cm
	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1846901-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1846901-02 04/18/25 16:26 • (DUP) R4201863-3 04/18/25 16:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	426	419	1	1.66		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1847576-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1847576-05 04/18/25 16:26 • (DUP) R4201863-4 04/18/25 16:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
	2470	2460	1	0.568		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4201863-2 04/18/25 16:26

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
	1130	1140	101	85.0-115	

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4201883-1 04/18/25 12:25

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

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

(LCS) R4201883-2 04/18/25 12:27 • (LCSD) R4201883-3 04/18/25 12:29

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	1.04	1.03	104	103	80.0-120			1.13	20

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

Method Blank (MB)

(MB) R4201881-1 04/18/25 08:51

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

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

(LCS) R4201881-2 04/18/25 08:53 • (LCSD) R4201881-3 04/18/25 08:54

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	1.00	1.02	100	102	80.0-120			1.77	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4200992-1 04/17/25 12:07

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4200992-2 04/17/25 12:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	92.7	92.7	80.0-120	
Barium	100	93.5	93.5	80.0-120	
Cadmium	100	92.4	92.4	80.0-120	
Copper	100	91.6	91.6	80.0-120	
Lead	100	90.5	90.5	80.0-120	
Nickel	100	95.3	95.3	80.0-120	
Selenium	100	91.8	91.8	80.0-120	
Silver	20.0	19.0	95.0	80.0-120	
Zinc	100	92.3	92.3	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1847570-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847570-04 04/17/25 12:13 • (MS) R4200992-5 04/17/25 12:23 • (MSD) R4200992-6 04/17/25 12:26

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	2.60	95.9	101	93.3	98.1	5	75.0-125			4.86	20
Barium	100	73.4	163	168	89.4	94.6	5	75.0-125			3.12	20
Cadmium	100	0.115	93.3	97.0	93.2	96.9	5	75.0-125			3.94	20
Copper	100	8.55	95.4	102	86.8	93.7	5	75.0-125			6.90	20
Lead	100	7.17	96.6	102	89.5	95.3	5	75.0-125			5.89	20
Nickel	100	8.30	104	109	95.8	100	5	75.0-125			4.15	20
Selenium	100	0.552	96.1	98.1	95.5	97.5	5	75.0-125			2.06	20
Silver	20.0	ND	19.2	19.8	95.9	99.1	5	75.0-125			3.28	20
Zinc	100	30.9	121	123	90.0	92.2	5	75.0-125			1.80	20

Method Blank (MB)

(MB) R4201030-1 04/17/25 12:05

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4201030-2 04/17/25 12:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	106	106	80.0-120	
Barium	100	96.3	96.3	80.0-120	
Cadmium	100	101	101	80.0-120	
Copper	100	106	106	80.0-120	
Lead	100	98.4	98.4	80.0-120	
Nickel	100	104	104	80.0-120	
Selenium	100	99.7	99.7	80.0-120	
Silver	20.0	20.5	103	80.0-120	
Zinc	100	102	102	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1847252-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847252-07 04/17/25 12:22 • (MS) R4201030-5 04/17/25 12:31 • (MSD) R4201030-6 04/17/25 12:35

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 %
Arsenic	100	5.76	112	111	107	105	5	75.0-125			1.11	20
Barium	100	297	538	425	241	128	5	75.0-125	J5	J3 J5	23.6	20
Cadmium	100	0.338	97.5	101	97.2	101	5	75.0-125			3.76	20
Copper	100	15.3	115	114	99.7	98.8	5	75.0-125			0.739	20
Lead	100	11.4	109	108	97.1	96.7	5	75.0-125			0.353	20
Nickel	100	17.2	121	116	104	99.1	5	75.0-125			4.09	20
Selenium	100	0.693	98.2	99.3	97.5	98.6	5	75.0-125			1.15	20
Silver	20.0	ND	19.8	20.3	98.8	101	5	75.0-125			2.52	20
Zinc	100	53.5	163	154	109	100	5	75.0-125			5.50	20

Method Blank (MB)

(MB) R4202454-2 04/19/25 02:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0953	↓	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	99.8			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4202454-1 04/19/25 01:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.24	84.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			103	77.0-120	

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

Method Blank (MB)

(MB) R4202418-2 04/19/25 00:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		0.0217	0.100
^(S) a,a,a-Trifluorotoluene(FID)	96.8			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4202418-1 04/18/25 23:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.34	86.8	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			96.9	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) R4202445-2 04/19/25 10:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0461	↓	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	98.3			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4202445-1 04/19/25 09:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.74	115	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	

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

Method Blank (MB)

(MB) R4202894-2 04/21/25 10:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0336	↓	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	98.1			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4202894-1 04/21/25 10:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.72	94.4	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			101	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) R4203351-3 04/22/25 14:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.578	↓	0.543	2.50
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120

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

(LCS) R4203351-1 04/22/25 12:40 • (LCSD) R4203351-2 04/22/25 13:04

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	4.25	4.70	85.0	94.0	72.0-127			10.1	20
(S) a,a,a-Trifluorotoluene(FID)				101	100	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) R4201578-3 04/15/25 19:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.000467	0.00100
Toluene	ND		0.00130	0.00500
Ethylbenzene	ND		0.000737	0.00250
Xylenes, Total	ND		0.000880	0.00650
1,2,4-Trimethylbenzene	ND		0.00158	0.00500
1,3,5-Trimethylbenzene	ND		0.00200	0.00500
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	93.6			67.0-138
(S) 1,2-Dichloroethane-d4	93.5			70.0-130

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

(LCS) R4201578-1 04/15/25 17:28 • (LCSD) R4201578-2 04/15/25 17:48

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	0.120	0.117	96.0	93.6	70.0-123			2.53	20
Toluene	0.125	0.120	0.123	96.0	98.4	75.0-121			2.47	20
Ethylbenzene	0.125	0.119	0.112	95.2	89.6	74.0-126			6.06	20
Xylenes, Total	0.375	0.371	0.355	98.9	94.7	72.0-127			4.41	20
1,2,4-Trimethylbenzene	0.125	0.115	0.103	92.0	82.4	70.0-126			11.0	20
1,3,5-Trimethylbenzene	0.125	0.110	0.104	88.0	83.2	73.0-127			5.61	20
(S) Toluene-d8				94.4	97.4	75.0-131				
(S) 4-Bromofluorobenzene				97.9	94.6	67.0-138				
(S) 1,2-Dichloroethane-d4				104	101	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) R4201281-2 04/17/25 00:35

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.000467	0.00100
Toluene	0.00247	↓	0.00130	0.00500
Ethylbenzene	ND		0.000737	0.00250
Xylenes, Total	ND		0.000880	0.00650
1,2,4-Trimethylbenzene	ND		0.00158	0.00500
1,3,5-Trimethylbenzene	ND		0.00200	0.00500
(S) Toluene-d8	94.4			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	102			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R4201281-1 04/16/25 23:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.132	106	70.0-123	
Toluene	0.125	0.117	93.6	75.0-121	
Ethylbenzene	0.125	0.113	90.4	74.0-126	
Xylenes, Total	0.375	0.334	89.1	72.0-127	
1,2,4-Trimethylbenzene	0.125	0.115	92.0	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.117	93.6	73.0-127	
(S) Toluene-d8			93.4	75.0-131	
(S) 4-Bromofluorobenzene			102	67.0-138	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

7 Gl

8 Al

9 Sc

L1847196-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847196-02 04/17/25 03:15 • (MS) R4201281-3 04/17/25 07:22 • (MSD) R4201281-4 04/17/25 07:41

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	0.153	0.117	122	93.6	1	10.0-149			26.7	37
Toluene	0.125	ND	0.130	0.0961	104	76.9	1	10.0-156			30.0	38
Ethylbenzene	0.125	ND	0.129	0.0939	103	75.1	1	10.0-160			31.5	38
Xylenes, Total	0.375	ND	0.374	0.277	99.7	73.9	1	10.0-160			29.8	38
1,2,4-Trimethylbenzene	0.125	ND	0.130	0.0977	104	78.2	1	10.0-160			28.4	36
1,3,5-Trimethylbenzene	0.125	ND	0.129	0.0966	103	77.3	1	10.0-160			28.7	38
(S) Toluene-d8					92.7	92.0		75.0-131				
(S) 4-Bromofluorobenzene					104	102		67.0-138				
(S) 1,2-Dichloroethane-d4					100	104		70.0-130				

Method Blank (MB)

(MB) R4201940-1 04/18/25 12:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	ND		0.274	4.00
(S) o-Terphenyl	67.6			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4201940-2 04/18/25 13:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	36.1	72.2	50.0-150	
(S) o-Terphenyl			64.1	18.0-148	

L1847567-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847567-03 04/18/25 14:00 • (MS) R4201940-3 04/18/25 14:14 • (MSD) R4201940-4 04/18/25 14:28

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	47.4	5.02	34.9	33.7	63.0	60.1	1	50.0-150			3.50	20
(S) o-Terphenyl					47.6	46.5		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) R4202077-1 04/19/25 10:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	ND		0.274	4.00
(S) o-Terphenyl	75.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4202077-2 04/19/25 10:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	44.4	88.8	50.0-150	
(S) o-Terphenyl			80.8	18.0-148	

L1847301-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847301-08 04/19/25 12:09 • (MS) R4202077-3 04/19/25 12:21 • (MSD) R4202077-4 04/19/25 12:34

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	49.5	72.2	193	237	244	333	10	50.0-150	J5	J3 J5	20.5	20
(S) o-Terphenyl					52.9	56.1		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) R4201437-2 04/17/25 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.00162	0.00600
Anthracene	ND		0.00163	0.00600
Benzo(a)anthracene	ND		0.00200	0.00600
Benzo(b)fluoranthene	ND		0.00275	0.00600
Benzo(k)fluoranthene	ND		0.00213	0.00600
Benzo(a)pyrene	ND		0.00163	0.00600
Chrysene	ND		0.00206	0.00600
Dibenz(a,h)anthracene	ND		0.00201	0.00600
Fluoranthene	ND		0.00239	0.00600
Fluorene	ND		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600
1-Methylnaphthalene	ND		0.00219	0.0200
2-Methylnaphthalene	ND		0.00571	0.0200
Naphthalene	ND		0.00579	0.0200
Pyrene	ND		0.00205	0.00600
(S) p-Terphenyl-d14	105			23.0-120
(S) Nitrobenzene-d5	110			14.0-149
(S) 2-Fluorobiphenyl	105			34.0-125

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4201437-1 04/17/25 19:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0648	81.0	50.0-120	
Anthracene	0.0800	0.0735	91.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0732	91.5	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0664	83.0	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0654	81.8	49.0-125	
Benzo(a)pyrene	0.0800	0.0667	83.4	42.0-120	
Chrysene	0.0800	0.0709	88.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0688	86.0	47.0-125	
Fluoranthene	0.0800	0.0797	99.6	49.0-129	
Fluorene	0.0800	0.0721	90.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0662	82.8	46.0-125	
1-Methylnaphthalene	0.0800	0.0778	97.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0748	93.5	50.0-120	
Naphthalene	0.0800	0.0712	89.0	50.0-120	
Pyrene	0.0800	0.0687	85.9	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4201437-1 04/17/25 19:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			98.4	23.0-120	
(S) Nitrobenzene-d5			106	14.0-149	
(S) 2-Fluorobiphenyl			99.5	34.0-125	

L1847570-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1847570-09 04/17/25 23:09 • (MS) R4201437-3 04/17/25 23:26 • (MSD) R4201437-4 04/17/25 23:44

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0776	ND	0.0582	0.0564	75.0	72.3	1	14.0-127			3.14	27
Anthracene	0.0776	ND	0.0645	0.0630	83.1	80.8	1	10.0-145			2.35	30
Benzo(a)anthracene	0.0776	ND	0.0607	0.0575	78.2	73.7	1	10.0-139			5.41	30
Benzo(b)fluoranthene	0.0776	ND	0.0549	0.0520	70.7	66.7	1	10.0-140			5.43	36
Benzo(k)fluoranthene	0.0776	ND	0.0548	0.0533	70.6	68.3	1	10.0-137			2.78	31
Benzo(a)pyrene	0.0776	ND	0.0592	0.0564	76.3	72.3	1	10.0-141			4.84	31
Chrysene	0.0776	ND	0.0618	0.0578	79.6	74.1	1	10.0-145			6.69	30
Dibenz(a,h)anthracene	0.0776	ND	0.0566	0.0548	72.9	70.3	1	10.0-132			3.23	31
Fluoranthene	0.0776	ND	0.0665	0.0630	85.7	80.8	1	10.0-153			5.41	33
Fluorene	0.0776	ND	0.0629	0.0614	81.1	78.7	1	11.0-130			2.41	29
Indeno(1,2,3-cd)pyrene	0.0776	ND	0.0566	0.0537	72.9	68.8	1	10.0-137			5.26	32
1-Methylnaphthalene	0.0776	ND	0.0704	0.0670	90.7	85.9	1	10.0-142			4.95	28
2-Methylnaphthalene	0.0776	ND	0.0683	0.0648	88.0	83.1	1	10.0-137			5.26	28
Naphthalene	0.0776	ND	0.0661	0.0619	85.2	79.4	1	10.0-135			6.56	27
Pyrene	0.0776	ND	0.0600	0.0578	77.3	74.1	1	10.0-148			3.74	35
(S) p-Terphenyl-d14					84.4	77.0		23.0-120				
(S) Nitrobenzene-d5					97.8	92.0		14.0-149				
(S) 2-Fluorobiphenyl					91.2	85.7		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

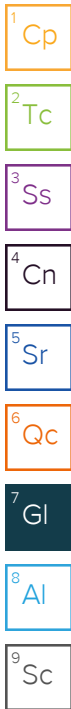
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

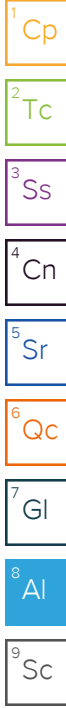
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico 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: **Civitas/Tasman - CO**
 4725 Independence St,
 Wheat Ridge, Colorado 80033

Billing Information:
 Accounts Payable
 650 Southgate Dr.
 Windsor, CO 80550

Project Manager:
 Sam Vogt / Jacob Evans

Project Name:
 Baker C Unit 61N68W 27 SENE

Phone: 610-405-9078

Lab Project #: COC62252

AFE# or C/C: COC62316, COC62314, COC62325, COC61826, COC12572

Site/Facility ID #: DT

Billing Code #: 8523.2965

Quote #

Date Results Needed: Standard

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pres Chk

Pace
 PEOPLE ADVANCING SCIENCE

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

SDG # **L1547570**
H205

Acctnum: CIVTASBCO
 Template: T250702
 Prelogin: P1068185
 PM: 824 - Chris Ward
 PB:
 Shipped Via: **FedEx Ground**

Collected by (print): **Kennon Baker, Dan Tyson, Grayson Turner**

Collected by (signature): *[Signature]*

Immediately Packed on Ice N Y X

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres							Remarks	Sample # (lab only)
SEP1-B01@4'	Grab	SS	4'	4/22/25	1238	2	X												01
SEP2-B01@4'			↓		1240														02
SEP3-B01@6"			6"		1242														03
SEP4-B01@6"					1244														04
SEP1-B02@6"					1246														05
SEP2-B02@6"					1248														06
SEP3-B02@6"					1250														07
SEP4-B02@6"					1252														08
PW-B01@4'			4'		1254														09
PW-W01@3'			3'		1302														10

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

Remarks:
 pH, EC, SAR by saturated paste preparation method
 Boron by hot water soluble preparation method
 Table 915-1 Metals - As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn, Cr VI

Samples returned via:
 UPS FedEx Courier

Tracking #

pH _____ Temp _____
 Flow _____ Other _____

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

Relinquished by: (Signature) *[Signature]* Date: 4/22/25 Time: 1540

Received by: (Signature) *[Signature]* Trip Blank Received: Yes/No HCL/MeOH TBR

Relinquished by: (Signature) *[Signature]* Date: 4/14/25 Time: 1800

Received by: (Signature) *[Signature]* Temp: °C Bottles Received: 30

Relinquished by: (Signature) Date: Date: Time: Time: Received for lab by: (Signature) Date: 4/13/25 Time: 10:15

Hold: Condition: NCF /

PND60

