

CTEH - ER

Sample Delivery Group: L1867315
Samples Received: 06/07/2025
Project Number: PROJ-054017
Description: Bishop Loss of Containment Incident

Report To: CTEH
5120 North Shore Drive
North Little Rock, AR 72118

Entire Report Reviewed By:



Jared Starkey
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 National12065 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	4
Cn: Case Narrative	13
Ds: Detection Summary	17
Sr: Sample Results	27
GACO0606T164S001 L1867315-01	27
GACO0606T164S002 L1867315-03	32
GACO0606T164S003 L1867315-04	37
GACO0606T164C003 L1867315-05	42
GACO0606T164S004 L1867315-06	47
GACO0606T164T001 L1867315-07	52
GACO0606T164S005 L1867315-08	54
GACO0606T164S006 L1867315-09	59
GACO0606T164S007 L1867315-10	64
GACO0606T164T002 L1867315-11	69
GACO0606T164S008 L1867315-12	71
GACO0606T164S009 L1867315-13	76
GACO0606T164S010 L1867315-14	81
GACO0606T164S011 L1867315-15	86
GACO0606T164T003 L1867315-16	91
GACO0606T164S012 L1867315-17	93
GACO0606T164C012 L1867315-18	98
GACO0606T164S013 L1867315-19	103
GACO0606T164T004 L1867315-20	108
GACO0606T164S001 L1867315-21	110
GACO0606T164S002 L1867315-22	111
GACO0606T164S003 L1867315-23	112
GACO0606T164C003 L1867315-24	113
GACO0606T164S004 L1867315-25	114
GACO0606T164S005 L1867315-26	115
GACO0606T164S006 L1867315-27	116
GACO0606T164S007 L1867315-28	117
GACO0606T164S008 L1867315-29	118
GACO0606T164S009 L1867315-30	119
GACO0606T164S010 L1867315-31	120
GACO0606T164S011 L1867315-32	121
GACO0606T164S012 L1867315-33	122
GACO0606T164C012 L1867315-34	123
GACO0606T164S013 L1867315-35	124

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Ds
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

Qc: Quality Control Summary	125
Radiochemistry by Method DOE Ga-01-R/901.1	125
Total Solids by Method 2540 G-2011	126
Wet Chemistry by Method 350.1	128
Wet Chemistry by Method 4500NOrg D-2021	130
Wet Chemistry by Method 7199	132
Wet Chemistry by Method 9045D	135
Wet Chemistry by Method 9050AMod	136
Wet Chemistry by Method 9056A	137
Wet Chemistry by Method WALKLEY-BLACK	138
Metals (ICP) by Method 6010B-NE493 Ch 2	139
Metals (ICP) by Method 6010D	141
Metals (ICPMS) by Method 6020B	143
Volatile Organic Compounds (GC) by Method 8015D	145
Volatile Organic Compounds (GC/MS) by Method 8260D	146
Semi-Volatile Organic Compounds (GC) by Method 8015M	160
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	161
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	166
Gl: Glossary of Terms	168
Al: Accreditations & Locations	170
Sc: Sample Chain of Custody	171

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

SAMPLE SUMMARY

GACO0606T164S001 L1867315-01

Collected by Tristan Fontenot
Collected date/time 06/06/25 09:55
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 03:45	06/12/25 03:45	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:41	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533835	1	06/09/25 15:32	06/09/25 23:06	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:41	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533374	1	06/07/25 20:45	06/10/25 04:52	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/07/25 22:56	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:00	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:05	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 21:54	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 18:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 17:45	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533297	1	06/07/25 13:40	06/07/25 17:37	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 02:45	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/07/25 23:26	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/07/25 23:53	KB	Mt. Juliet, TN



GACO0606T164S002 L1867315-03

Collected by Tristan Fontenot
Collected date/time 06/06/25 10:10
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 03:47	06/12/25 03:47	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:43	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533835	1	06/09/25 15:32	06/09/25 23:08	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:43	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533374	1	06/07/25 20:45	06/10/25 05:04	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/07/25 23:09	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:00	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:13	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 21:56	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 18:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 18:09	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533297	1	06/07/25 13:40	06/07/25 17:56	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/07/25 23:26	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/07/25 23:47	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 00:11	KB	Mt. Juliet, TN

GACO0606T164S003 L1867315-04

Collected by Tristan Fontenot
Collected date/time 06/06/25 10:30
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 20:16	06/12/25 20:16	BAG	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:45	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:25	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:45	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/09/25 22:43	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164S003 L1867315-04

Collected by Tristan Fontenot Collected date/time 06/06/25 10:30 Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	5	06/07/25 19:09	06/07/25 23:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:01	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:16	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 21:58	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 18:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 18:33	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533297	1	06/07/25 13:40	06/07/25 18:15	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 04:18	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	2	06/07/25 20:04	06/08/25 05:03	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 03:22	KB	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

GACO0606T164C003 L1867315-05

Collected by Tristan Fontenot Collected date/time 06/06/25 10:30 Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 20:18	06/12/25 20:18	BAG	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:46	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:27	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:46	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/09/25 22:52	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	5	06/07/25 19:09	06/07/25 23:36	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:01	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:20	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:04	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 18:56	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533297	1	06/07/25 13:40	06/07/25 18:35	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 04:31	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	2	06/07/25 20:04	06/08/25 04:42	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 03:39	KB	Mt. Juliet, TN

Collected by Tristan Fontenot Collected date/time 06/06/25 10:00 Received date/time 06/07/25 10:15

GACO0606T164S004 L1867315-06

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536010	1	06/12/25 12:43	06/12/25 12:43	MAP	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:48	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:28	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:48	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/09/25 23:01	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/07/25 23:50	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	20	06/07/25 17:45	06/08/25 19:01	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536066	1	06/11/25 19:17	06/12/25 03:07	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:06	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:12	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 19:20	AV	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164S004 L1867315-06

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533297	1	06/07/25 13:40	06/07/25 18:54	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/07/25 23:39	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 00:08	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 00:28	KB	Mt. Juliet, TN

GACO0606T164T001 L1867315-07

Collected by
Tristan Fontenot

Collected date/time
06/06/25 07:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533281	1	06/07/25 18:20	06/07/25 18:20	NCD	Mt. Juliet, TN

GACO0606T164S005 L1867315-08

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:30

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 03:55	06/12/25 03:55	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 14:07	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:30	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 14:07	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/09/25 23:10	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 00:03	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:01	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:22	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 21:45	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 18:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 19:43	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 16:25	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 00:32	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	2	06/07/25 20:04	06/08/25 03:18	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 00:45	KB	Mt. Juliet, TN

GACO0606T164S006 L1867315-09

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:20

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 03:57	06/12/25 03:57	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:56	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:34	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:56	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 00:13	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 00:44	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:06	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:25	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:07	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 20:08	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 16:45	JAH	Mt. Juliet, TN



SAMPLE SUMMARY

GACO0606T164S006 L1867315-09

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:20

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 02:32	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 00:29	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 01:38	KB	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

GACO0606T164S007 L1867315-10

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:15

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 03:59	06/12/25 03:59	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 13:58	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533300	1	06/07/25 15:15	06/07/25 15:27	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:36	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 13:58	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 00:22	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 00:57	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	14	06/07/25 17:45	06/08/25 19:06	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:28	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:09	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:18	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 20:31	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 17:06	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 05:38	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	2	06/07/25 20:04	06/08/25 04:21	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 04:32	KB	Mt. Juliet, TN

Collected by
Tristan Fontenot

Collected date/time
06/06/25 07:00

Received date/time
06/07/25 10:15

GACO0606T164T002 L1867315-11

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533281	1	06/07/25 18:42	06/07/25 18:42	NCD	Mt. Juliet, TN

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:40

Received date/time
06/07/25 10:15

GACO0606T164S008 L1867315-12

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:00	06/12/25 04:00	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 14:00	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533300	1	06/07/25 15:15	06/07/25 15:27	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:42	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 14:00	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 00:31	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 01:11	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:31	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:11	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 20:56	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 17:26	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 01:38	PS	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164S008 L1867315-12

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:40

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 00:51	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 01:55	KB	Mt. Juliet, TN

GACO0606T164S009 L1867315-13

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:02	06/12/25 04:02	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 14:02	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:43	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533907	5	06/09/25 19:53	06/10/25 14:02	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 00:49	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 01:24	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	4	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:34	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:05	06/07/25 22:13	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 21:19	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 17:46	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 01:52	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 01:12	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 02:12	KB	Mt. Juliet, TN

GACO0606T164S010 L1867315-14

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:20

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:04	06/12/25 04:04	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 12:01	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:46	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533911	5	06/09/25 19:51	06/10/25 12:01	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 00:58	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 02:05	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:36	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:58	06/07/25 22:15	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 21:44	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 18:06	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 03:25	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 01:33	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 02:47	KB	Mt. Juliet, TN



SAMPLE SUMMARY

GACO0606T164S011 L1867315-15

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:05	06/12/25 04:05	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 12:04	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533296	1	06/07/25 14:55	06/07/25 15:13	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:48	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533911	5	06/09/25 19:51	06/10/25 12:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 01:07	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 02:18	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:39	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:58	06/07/25 22:17	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:31	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 22:07	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 18:26	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 03:38	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 01:54	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 03:05	KB	Mt. Juliet, TN



GACO0606T164T003 L1867315-16

Collected by
Tristan Fontenot

Collected date/time
06/06/25 07:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533281	1	06/07/25 19:04	06/07/25 19:04	NCD	Mt. Juliet, TN

GACO0606T164S012 L1867315-17

Collected by
Tristan Fontenot

Collected date/time
06/06/25 09:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:07	06/12/25 04:07	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 12:06	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533300	1	06/07/25 15:15	06/07/25 15:27	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:49	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533911	5	06/09/25 19:51	06/10/25 12:06	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 01:16	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 02:32	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:47	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:58	06/07/25 22:18	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:34	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 22:32	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 18:46	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 05:11	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 02:57	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 03:57	KB	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164C012 L1867315-18

Collected by Tristan Fontenot
Collected date/time 06/06/25 09:55
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:09	06/12/25 04:09	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 12:08	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533300	1	06/07/25 15:15	06/07/25 15:27	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:51	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533911	5	06/09/25 19:51	06/10/25 12:08	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 01:25	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 02:45	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:07	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:50	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:58	06/07/25 22:20	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 22:55	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 19:06	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 05:24	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 02:36	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 04:14	KB	Mt. Juliet, TN



GACO0606T164S013 L1867315-19

Collected by Tristan Fontenot
Collected date/time 06/06/25 10:40
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2536015	1	06/12/25 04:14	06/12/25 04:14	RLS	Mt. Juliet, TN
Calculated Results	WG2533407	1	06/07/25 19:09	06/10/25 12:10	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2533300	1	06/07/25 15:15	06/07/25 15:27	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2533836	1	06/09/25 15:33	06/09/25 21:52	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533911	5	06/09/25 19:51	06/10/25 12:10	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2533376	1	06/07/25 20:43	06/10/25 01:34	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536683	1	06/12/25 06:56	06/12/25 08:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536691	1	06/12/25 12:00	06/12/25 12:35	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2533407	1	06/07/25 19:09	06/08/25 02:59	DLH	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2533385	5	06/07/25 17:45	06/08/25 19:09	ARV	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536071	1	06/11/25 19:12	06/12/25 00:53	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533369	1	06/07/25 17:58	06/07/25 21:36	BAG	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537279	5	06/12/25 16:35	06/12/25 19:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2533349	25	06/07/25 13:40	06/07/25 23:19	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533338	1	06/07/25 13:40	06/07/25 19:27	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2533388	1	06/07/25 18:35	06/08/25 00:19	PS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2533392	1	06/07/25 20:04	06/08/25 02:15	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2533393	1	06/07/25 20:02	06/08/25 02:30	KB	Mt. Juliet, TN

GACO0606T164T004 L1867315-20

Collected by Tristan Fontenot
Collected date/time 06/06/25 07:00
Received date/time 06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2533281	1	06/07/25 19:25	06/07/25 19:25	NCD	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164S001 L1867315-21

Collected by
Tristan Fontenot

Collected date/time
06/06/25 09:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 14:37	DDD	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

GACO0606T164S002 L1867315-22

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:10

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 14:38	DDD	Mt. Juliet, TN

GACO0606T164S003 L1867315-23

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:30

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 14:38	DDD	Mt. Juliet, TN

GACO0606T164C003 L1867315-24

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:30

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 14:58	DDD	Mt. Juliet, TN

GACO0606T164S004 L1867315-25

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:17	DDD	Mt. Juliet, TN

GACO0606T164S005 L1867315-26

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:30

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:22	DDD	Mt. Juliet, TN

GACO0606T164S006 L1867315-27

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:20

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:24	DDD	Mt. Juliet, TN

GACO0606T164S007 L1867315-28

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:15

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:46	DDD	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0606T164S008 L1867315-29

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:40

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:46	DDD	Mt. Juliet, TN

GACO0606T164S009 L1867315-30

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:00

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 15:47	DDD	Mt. Juliet, TN

GACO0606T164S010 L1867315-31

Collected by
Tristan Fontenot

Collected date/time
06/06/25 11:20

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 16:13	DDD	Mt. Juliet, TN

GACO0606T164S011 L1867315-32

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 16:13	DDD	Mt. Juliet, TN

GACO0606T164S012 L1867315-33

Collected by
Tristan Fontenot

Collected date/time
06/06/25 09:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 16:14	DDD	Mt. Juliet, TN

GACO0606T164C012 L1867315-34

Collected by
Tristan Fontenot

Collected date/time
06/06/25 09:55

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 16:14	DDD	Mt. Juliet, TN

GACO0606T164S013 L1867315-35

Collected by
Tristan Fontenot

Collected date/time
06/06/25 10:40

Received date/time
06/07/25 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2535040	1	06/09/25 08:45	06/10/25 16:14	DDD	Mt. Juliet, TN



CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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.



Jared Starkey
Project Manager

Project Comments

L1867315 / WG2533392 - Benzidine is reporting with critically low recovery in the laboratory control sample(s). This compound is a method defined poor performer. Results are estimated.

Wet Chemistry by Method 4500NOrg D-2021

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2533391	(MS) R4228132-3	Kjeldahl Nitrogen, TKN
WG2533391	(MSD) R4228132-4	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2533907	(MS) R4228276-4	Kjeldahl Nitrogen, TKN

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2533391	(MS) R4228132-3, (MSD) R4228132-4	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 7199

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

Batch	Lab Sample ID	Analytes
WG2533374	(MS) R4228077-8, (MSD) R4228077-9	Hexavalent Chromium
WG2533376	(MSD) R4227897-4, L1867315-08	Hexavalent Chromium

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2533374	(MSD) R4228077-9	Hexavalent Chromium
WG2533376	(MSD) R4227897-4, L1867315-08	Hexavalent Chromium

Metals (ICP) by Method 6010D

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2533369	(MS) R4227167-5, (MSD) R4227167-6, L1867315-08	Calcium and Iron



CASE NARRATIVE

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2533369	(MS) R4227167-5, (MSD) R4227167-6, L1867315-08	Manganese

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2533369	L1867315-08	Calcium and Iron

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2537279	(MSD) R4229608-6, L1867315-08	Barium

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2537279	L1867315-08	Zinc

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2533281	L1867315-07	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Chloroethane, Dichlorodifluoromethane, Naphthalene, Styrene, Toluene, Trichlorofluoromethane and Vinyl chloride
WG2533281	L1867315-11	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Chloroethane, Dichlorodifluoromethane, Naphthalene, Styrene, Toluene, Trichlorofluoromethane and Vinyl chloride
WG2533281	L1867315-16	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Chloroethane, Dichlorodifluoromethane, Naphthalene, Styrene, Toluene, Trichlorofluoromethane and Vinyl chloride
WG2533281	L1867315-20	1,2-Dibromo-3-Chloropropane, Bromoform, Bromomethane, Chloroethane, Dichlorodifluoromethane, Naphthalene, Styrene, Toluene, Trichlorofluoromethane and Vinyl chloride
WG2533297	L1867315-01	Bromomethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride
WG2533297	L1867315-03	Bromomethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride
WG2533297	L1867315-04	Bromomethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride
WG2533297	L1867315-05	Bromomethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride
WG2533297	L1867315-06	Bromomethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride
WG2533338	L1867315-08	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-09	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-10	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-12	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-13	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-14	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-15	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-17	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-18	Bromomethane, Chloromethane and Dichlorodifluoromethane
WG2533338	L1867315-19	Bromomethane, Chloromethane and Dichlorodifluoromethane

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2533297	Chloroform	L1867315-01, 03, 04, 05, 06
WG2533338	Chloroform	L1867315-08, 09, 10, 12, 13, 14, 15, 17, 18, 19



CASE NARRATIVE

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

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2533281	(LCS) R4227145-1, L1867315-07, 11, 16, 20	Vinyl chloride
WG2533338	(LCS) R4227236-1, (LCSD) R4227236-2, L1867315-08, 09, 10, 12, 13, 14, 15, 17, 18, 19	Bromomethane

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

Batch	Lab Sample ID	Analytes
WG2533338	(MSD) R4227236-5, L1867315-08	Chloroethane

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2533338	(MSD) R4227236-5, L1867315-08	Chloroethane

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

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2533388	C28-C36 Motor Oil Range	L1867315-06

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

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2533392	L1867315-01	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-03	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-04	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-05	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-06	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-08	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-09	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-10	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-12	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-13	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-14	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-15	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-17	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-18	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2533392	L1867315-19	2,2-Oxybis(1-Chloropropane), 2,4-Dimethylphenol, 4-Nitrophenol, Hexachlorocyclopentadiene and n-Nitrosodimethylamine

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2533392	(LCS) R4227316-1, L1867315-01, 03, 04, 05, 06, 08, 09, 10, 12, 13, 14, 15, 17, 18, 19	Benzidine



CASE NARRATIVE

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

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

Batch	Lab Sample ID	Analytes
WG2533392	(MS) R4227316-3, (MSD) R4227316-4, L1867315-08	Benzidine and Hexachlorocyclopentadiene

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

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

Batch	Lab Sample ID	Analytes
WG2533393	(MSD) R4227414-4, L1867315-08	Benzo(b)fluoranthene, Benzo(g,h,i)perylene and Pyrene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2533393	(MSD) R4227414-4, L1867315-08	15 analytes

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

DETECTION SUMMARY

Calculated Results

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Total Nitrogen	771		24.2	1	06/10/2025 13:41	WG2533407
GACO0606T164S002	L1867315-03	Total Nitrogen	2170		28.8	1	06/10/2025 13:43	WG2533407
GACO0606T164S003	L1867315-04	Total Nitrogen	2690		129	1	06/10/2025 13:45	WG2533407
GACO0606T164C003	L1867315-05	Total Nitrogen	2520		126	1	06/10/2025 13:46	WG2533407
GACO0606T164S004	L1867315-06	Total Nitrogen	4960		45.4	1	06/10/2025 13:48	WG2533407
GACO0606T164S005	L1867315-08	Total Nitrogen	1410		23.6	1	06/10/2025 14:07	WG2533407
GACO0606T164S006	L1867315-09	Total Nitrogen	1670		25.5	1	06/10/2025 13:56	WG2533407
GACO0606T164S007	L1867315-10	Total Nitrogen	3760		29.1	1	06/10/2025 13:58	WG2533407
GACO0606T164S008	L1867315-12	Total Nitrogen	1460		24.3	1	06/10/2025 14:00	WG2533407
GACO0606T164S009	L1867315-13	Total Nitrogen	1490		23.9	1	06/10/2025 14:02	WG2533407
GACO0606T164S010	L1867315-14	Total Nitrogen	1260		23.9	1	06/10/2025 12:01	WG2533407
GACO0606T164S011	L1867315-15	Total Nitrogen	2270		24.7	1	06/10/2025 12:04	WG2533407
GACO0606T164S012	L1867315-17	Total Nitrogen	2380		24.9	1	06/10/2025 12:06	WG2533407
GACO0606T164C012	L1867315-18	Total Nitrogen	2170		24.5	1	06/10/2025 12:08	WG2533407
GACO0606T164S013	L1867315-19	Total Nitrogen	1250		22.9	1	06/10/2025 12:10	WG2533407

Radiochemistry by Method DOE Ga-01-R/901.1

Client ID	Lab Sample ID	Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
GACO0606T164S001	L1867315-21	Actinium-228 (Ra-228)	0.657	J	0.318	0.318	0.755	0.343	06/10/2025 14:37	WG2535040
GACO0606T164S001	L1867315-21	Bismuth-214 (Ra-226)	0.882		0.211	0.211	0.285	0.128	06/10/2025 14:37	WG2535040
GACO0606T164S001	L1867315-21	Lead-214	0.812		0.188	0.188	0.290	0.132	06/10/2025 14:37	WG2535040
GACO0606T164S001	L1867315-21	Thorium-234 (U-238)	1.07	U	1.54	1.54	2.92	1.16	06/10/2025 14:37	WG2535040
GACO0606T164S001	L1867315-21	Radium-226 (186 KeV)	1.99		0.961	0.961	1.65	0.771	06/10/2025 14:37	WG2535040
GACO0606T164S002	L1867315-22	Actinium-228 (Ra-228)	0.702		0.226	0.226	0.470	0.211	06/10/2025 14:38	WG2535040
GACO0606T164S002	L1867315-22	Bismuth-214 (Ra-226)	0.442		0.144	0.144	0.223	0.100	06/10/2025 14:38	WG2535040
GACO0606T164S002	L1867315-22	Lead-214	0.360		0.124	0.124	0.215	0.0977	06/10/2025 14:38	WG2535040
GACO0606T164S002	L1867315-22	Thorium-234 (U-238)	-0.669	U	1.36	1.36	3.07	1.22	06/10/2025 14:38	WG2535040
GACO0606T164S002	L1867315-22	Radium-226 (186 KeV)	0.337	U	0.748	0.748	1.45	0.680	06/10/2025 14:38	WG2535040
GACO0606T164S003	L1867315-23	Actinium-228 (Ra-228)	1.05		0.259	0.259	0.399	0.169	06/10/2025 14:38	WG2535040
GACO0606T164S003	L1867315-23	Bismuth-214 (Ra-226)	0.647		0.188	0.188	0.281	0.127	06/10/2025 14:38	WG2535040
GACO0606T164S003	L1867315-23	Lead-214	0.673		0.268	0.268	0.214	0.0969	06/10/2025 14:38	WG2535040
GACO0606T164S003	L1867315-23	Thorium-234 (U-238)	0.859	J	0.801	0.801	1.65	0.658	06/10/2025 14:38	WG2535040
GACO0606T164S003	L1867315-23	Radium-226 (186 KeV)	1.36		0.724	0.724	1.16	0.541	06/10/2025 14:38	WG2535040
GACO0606T164C003	L1867315-24	Actinium-228 (Ra-228)	0.908		0.276	0.276	0.497	0.217	06/10/2025 14:58	WG2535040
GACO0606T164C003	L1867315-24	Bismuth-214 (Ra-226)	0.790		0.192	0.192	0.227	0.0992	06/10/2025 14:58	WG2535040
GACO0606T164C003	L1867315-24	Lead-214	0.848		0.174	0.174	0.259	0.118	06/10/2025 14:58	WG2535040
GACO0606T164C003	L1867315-24	Thorium-234 (U-238)	1.12	U	0.983	0.983	2.21	0.890	06/10/2025 14:58	WG2535040
GACO0606T164C003	L1867315-24	Radium-226 (186 KeV)	0.697	J	0.774	0.774	1.39	0.651	06/10/2025 14:58	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

DETECTION SUMMARY

Radiochemistry by Method DOE Ga-01-R/901.1

			Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
Client ID	Lab Sample ID	Analyte	pCi/g		+ / -	+ / -	pCi/g	pCi/g	date / time	
GACO0606T164S004	L1867315-25	Actinium-228 (Ra-228)	0.301		0.148	0.148	0.280	0.110	06/10/2025 15:17	WG2535040
GACO0606T164S004	L1867315-25	Bismuth-214 (Ra-226)	0.211		0.109	0.109	0.173	0.0728	06/10/2025 15:17	WG2535040
GACO0606T164S004	L1867315-25	Lead-214	0.248		0.0898	0.0898	0.157	0.0674	06/10/2025 15:17	WG2535040
GACO0606T164S004	L1867315-25	Thorium-234 (U-238)	2.93		1.28	1.28	1.54	0.590	06/10/2025 15:17	WG2535040
GACO0606T164S004	L1867315-25	Radium-226 (186 KeV)	1.98		0.558	0.558	0.738	0.327	06/10/2025 15:17	WG2535040
GACO0606T164S005	L1867315-26	Actinium-228 (Ra-228)	0.796		0.199	0.199	0.328	0.145	06/10/2025 15:22	WG2535040
GACO0606T164S005	L1867315-26	Bismuth-214 (Ra-226)	0.788		0.148	0.148	0.180	0.0812	06/10/2025 15:22	WG2535040
GACO0606T164S005	L1867315-26	Lead-214	0.829		0.156	0.156	0.184	0.0848	06/10/2025 15:22	WG2535040
GACO0606T164S005	L1867315-26	Thorium-234 (U-238)	1.65	J	1.12	1.12	2.06	0.819	06/10/2025 15:22	WG2535040
GACO0606T164S005	L1867315-26	Radium-226 (186 KeV)	1.59		0.653	0.653	1.11	0.522	06/10/2025 15:22	WG2535040
GACO0606T164S006	L1867315-27	Actinium-228 (Ra-228)	0.986		0.360	0.360	0.731	0.324	06/10/2025 15:24	WG2535040
GACO0606T164S006	L1867315-27	Bismuth-214 (Ra-226)	0.670		0.212	0.212	0.313	0.138	06/10/2025 15:24	WG2535040
GACO0606T164S006	L1867315-27	Lead-214	0.628		0.192	0.192	0.328	0.149	06/10/2025 15:24	WG2535040
GACO0606T164S006	L1867315-27	Thorium-234 (U-238)	1.35	U	1.62	1.62	3.29	1.30	06/10/2025 15:24	WG2535040
GACO0606T164S006	L1867315-27	Radium-226 (186 KeV)	2.17		0.967	0.967	1.61	0.741	06/10/2025 15:24	WG2535040
GACO0606T164S007	L1867315-28	Actinium-228 (Ra-228)	0.963		0.327	0.327	0.650	0.285	06/10/2025 15:46	WG2535040
GACO0606T164S007	L1867315-28	Bismuth-214 (Ra-226)	0.990		0.248	0.248	0.354	0.159	06/10/2025 15:46	WG2535040
GACO0606T164S007	L1867315-28	Lead-214	0.751		0.208	0.208	0.353	0.161	06/10/2025 15:46	WG2535040
GACO0606T164S007	L1867315-28	Thorium-234 (U-238)	2.56		1.31	1.31	2.45	0.980	06/10/2025 15:46	WG2535040
GACO0606T164S007	L1867315-28	Radium-226 (186 KeV)	1.56	J	0.937	0.937	1.60	0.742	06/10/2025 15:46	WG2535040
GACO0606T164S008	L1867315-29	Actinium-228 (Ra-228)	0.814		0.236	0.236	0.449	0.198	06/10/2025 15:46	WG2535040
GACO0606T164S008	L1867315-29	Bismuth-214 (Ra-226)	0.671		0.159	0.159	0.198	0.0873	06/10/2025 15:46	WG2535040
GACO0606T164S008	L1867315-29	Lead-214	0.596		0.220	0.220	0.181	0.0816	06/10/2025 15:46	WG2535040
GACO0606T164S008	L1867315-29	Thorium-234 (U-238)	0.711	U	0.628	0.628	1.39	0.550	06/10/2025 15:46	WG2535040
GACO0606T164S008	L1867315-29	Radium-226 (186 KeV)	1.18		0.584	0.584	0.923	0.428	06/10/2025 15:46	WG2535040
GACO0606T164S009	L1867315-30	Actinium-228 (Ra-228)	0.929		0.355	0.355	0.713	0.301	06/10/2025 15:47	WG2535040
GACO0606T164S009	L1867315-30	Bismuth-214 (Ra-226)	0.667		0.242	0.242	0.335	0.144	06/10/2025 15:47	WG2535040
GACO0606T164S009	L1867315-30	Lead-214	0.848		0.202	0.202	0.318	0.142	06/10/2025 15:47	WG2535040
GACO0606T164S009	L1867315-30	Thorium-234 (U-238)	0.290	U	0.734	0.734	1.96	0.780	06/10/2025 15:47	WG2535040
GACO0606T164S009	L1867315-30	Radium-226 (186 KeV)	0.876	J	0.969	0.969	1.66	0.770	06/10/2025 15:47	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

DETECTION SUMMARY

Radiochemistry by Method DOE Ga-01-R/901.1

Client ID	Lab Sample ID	Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
GACO0606T164S010	L1867315-31	Actinium-228 (Ra-228)	0.581		0.178	0.178	0.341	0.151	06/10/2025 16:13	WG2535040
GACO0606T164S010	L1867315-31	Bismuth-214 (Ra-226)	0.629		0.128	0.128	0.143	0.0624	06/10/2025 16:13	WG2535040
GACO0606T164S010	L1867315-31	Lead-214	0.496		0.132	0.132	0.182	0.0833	06/10/2025 16:13	WG2535040
GACO0606T164S010	L1867315-31	Thorium-234 (U-238)	0.781	U	0.967	0.967	2.06	0.821	06/10/2025 16:13	WG2535040
GACO0606T164S010	L1867315-31	Radium-226 (186 KeV)	0.999	J	0.592	0.592	1.05	0.492	06/10/2025 16:13	WG2535040
GACO0606T164S011	L1867315-32	Actinium-228 (Ra-228)	1.38		0.345	0.345	0.573	0.250	06/10/2025 16:13	WG2535040
GACO0606T164S011	L1867315-32	Bismuth-214 (Ra-226)	0.665		0.211	0.211	0.317	0.142	06/10/2025 16:13	WG2535040
GACO0606T164S011	L1867315-32	Lead-214	0.742		0.183	0.183	0.298	0.136	06/10/2025 16:13	WG2535040
GACO0606T164S011	L1867315-32	Thorium-234 (U-238)	1.34	U	1.57	1.57	3.06	1.22	06/10/2025 16:13	WG2535040
GACO0606T164S011	L1867315-32	Radium-226 (186 KeV)	0.574	U	1.01	1.01	1.91	0.898	06/10/2025 16:13	WG2535040
GACO0606T164S012	L1867315-33	Actinium-228 (Ra-228)	0.975		0.242	0.242	0.466	0.212	06/10/2025 16:14	WG2535040
GACO0606T164S012	L1867315-33	Bismuth-214 (Ra-226)	0.702		0.160	0.160	0.222	0.101	06/10/2025 16:14	WG2535040
GACO0606T164S012	L1867315-33	Lead-214	0.716		0.146	0.146	0.229	0.106	06/10/2025 16:14	WG2535040
GACO0606T164S012	L1867315-33	Thorium-234 (U-238)	-0.938	U	1.35	1.35	3.00	1.19	06/10/2025 16:14	WG2535040
GACO0606T164S012	L1867315-33	Radium-226 (186 KeV)	0.654	J	0.739	0.739	1.39	0.653	06/10/2025 16:14	WG2535040
GACO0606T164C012	L1867315-34	Actinium-228 (Ra-228)	1.25		0.289	0.289	0.372	0.151	06/10/2025 16:14	WG2535040
GACO0606T164C012	L1867315-34	Bismuth-214 (Ra-226)	0.641		0.189	0.189	0.247	0.108	06/10/2025 16:14	WG2535040
GACO0606T164C012	L1867315-34	Lead-214	0.706		0.162	0.162	0.262	0.118	06/10/2025 16:14	WG2535040
GACO0606T164C012	L1867315-34	Thorium-234 (U-238)	1.15	J	1.11	1.11	2.24	0.876	06/10/2025 16:14	WG2535040
GACO0606T164C012	L1867315-34	Radium-226 (186 KeV)	1.73		0.778	0.778	1.30	0.597	06/10/2025 16:14	WG2535040
GACO0606T164S013	L1867315-35	Actinium-228 (Ra-228)	0.821		0.189	0.189	0.263	0.111	06/10/2025 16:14	WG2535040
GACO0606T164S013	L1867315-35	Bismuth-214 (Ra-226)	0.690		0.134	0.134	0.141	0.0620	06/10/2025 16:14	WG2535040
GACO0606T164S013	L1867315-35	Lead-214	0.612		0.110	0.110	0.154	0.0706	06/10/2025 16:14	WG2535040
GACO0606T164S013	L1867315-35	Thorium-234 (U-238)	1.03		0.610	0.610	1.00	0.398	06/10/2025 16:14	WG2535040
GACO0606T164S013	L1867315-35	Radium-226 (186 KeV)	1.41		0.505	0.505	0.766	0.357	06/10/2025 16:14	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Wet Chemistry by Method 350.1

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S011	L1867315-15	Ammonia Nitrogen	27.9		12.3	1	06/09/2025 21:48	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Kjeldahl Nitrogen, TKN	770		121	5	06/10/2025 13:41	WG2533907
GACO0606T164S002	L1867315-03	Kjeldahl Nitrogen, TKN	2170		144	5	06/10/2025 13:43	WG2533907
GACO0606T164S003	L1867315-04	Kjeldahl Nitrogen, TKN	2590		129	5	06/10/2025 13:45	WG2533907

DETECTION SUMMARY

Wet Chemistry by Method 4500NOrg D-2021

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164C003	L1867315-05	Kjeldahl Nitrogen, TKN	2420		126	5	06/10/2025 13:46	WG2533907
GACO0606T164S004	L1867315-06	Kjeldahl Nitrogen, TKN	4960		227	5	06/10/2025 13:48	WG2533907
GACO0606T164S005	L1867315-08	Kjeldahl Nitrogen, TKN	1410		118	5	06/10/2025 14:07	WG2533907
GACO0606T164S006	L1867315-09	Kjeldahl Nitrogen, TKN	1670		127	5	06/10/2025 13:56	WG2533907
GACO0606T164S007	L1867315-10	Kjeldahl Nitrogen, TKN	3740		145	5	06/10/2025 13:58	WG2533907
GACO0606T164S008	L1867315-12	Kjeldahl Nitrogen, TKN	1450		121	5	06/10/2025 14:00	WG2533907
GACO0606T164S009	L1867315-13	Kjeldahl Nitrogen, TKN	1490		120	5	06/10/2025 14:02	WG2533907
GACO0606T164S010	L1867315-14	Kjeldahl Nitrogen, TKN	1260		120	5	06/10/2025 12:01	WG2533911
GACO0606T164S011	L1867315-15	Kjeldahl Nitrogen, TKN	2260		123	5	06/10/2025 12:04	WG2533911
GACO0606T164S012	L1867315-17	Kjeldahl Nitrogen, TKN	2370		125	5	06/10/2025 12:06	WG2533911
GACO0606T164C012	L1867315-18	Kjeldahl Nitrogen, TKN	2160		123	5	06/10/2025 12:08	WG2533911
GACO0606T164S013	L1867315-19	Kjeldahl Nitrogen, TKN	1250		114	5	06/10/2025 12:10	WG2533911

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Wet Chemistry by Method 7199

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Hexavalent Chromium	0.271		0.242	1	06/10/2025 04:52	WG2533374

Wet Chemistry by Method 9050AMod

Client ID	Lab Sample ID	Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Specific Conductance	6010	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S002	L1867315-03	Specific Conductance	2720	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S003	L1867315-04	Specific Conductance	20400	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164C003	L1867315-05	Specific Conductance	24700	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S004	L1867315-06	Specific Conductance	2000	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S005	L1867315-08	Specific Conductance	345	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S006	L1867315-09	Specific Conductance	4860	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S007	L1867315-10	Specific Conductance	1610	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S008	L1867315-12	Specific Conductance	329	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S009	L1867315-13	Specific Conductance	302	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S010	L1867315-14	Specific Conductance	2280	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S011	L1867315-15	Specific Conductance	381	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S012	L1867315-17	Specific Conductance	3780	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164C012	L1867315-18	Specific Conductance	4040	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691
GACO0606T164S013	L1867315-19	Specific Conductance	229	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Wet Chemistry by Method WALKLEY-BLACK

Client ID	Lab Sample ID	Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	TOC By Walkley Black	6920		500	5	06/08/2025 19:00	WG2533385
GACO0606T164S002	L1867315-03	TOC By Walkley Black	19100		500	5	06/08/2025 19:00	WG2533385
GACO0606T164S003	L1867315-04	TOC By Walkley Black	32700		500	5	06/08/2025 19:01	WG2533385
GACO0606T164C003	L1867315-05	TOC By Walkley Black	20400		500	5	06/08/2025 19:01	WG2533385
GACO0606T164S004	L1867315-06	TOC By Walkley Black	47900		2000	20	06/08/2025 19:01	WG2533385
GACO0606T164S005	L1867315-08	TOC By Walkley Black	14100		500	5	06/08/2025 19:01	WG2533385
GACO0606T164S006	L1867315-09	TOC By Walkley Black	13900		500	5	06/08/2025 19:06	WG2533385
GACO0606T164S007	L1867315-10	TOC By Walkley Black	41800		1400	14	06/08/2025 19:06	WG2533385
GACO0606T164S008	L1867315-12	TOC By Walkley Black	14200		500	5	06/08/2025 19:07	WG2533385
GACO0606T164S009	L1867315-13	TOC By Walkley Black	12400		400	4	06/08/2025 19:07	WG2533385
GACO0606T164S010	L1867315-14	TOC By Walkley Black	9510		500	5	06/08/2025 19:07	WG2533385
GACO0606T164S011	L1867315-15	TOC By Walkley Black	28500		500	5	06/08/2025 19:07	WG2533385
GACO0606T164S012	L1867315-17	TOC By Walkley Black	13800		500	5	06/08/2025 19:07	WG2533385
GACO0606T164C012	L1867315-18	TOC By Walkley Black	23100		500	5	06/08/2025 19:07	WG2533385

DETECTION SUMMARY

Wet Chemistry by Method WALKLEY-BLACK

Client ID	Lab Sample ID	Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S013	L1867315-19	TOC By Walkley Black	16000		500	5	06/08/2025 19:09	WG2533385

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

Client ID	Lab Sample ID	Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Hot Water Sol. Boron	3.14		0.200	1	06/12/2025 00:05	WG2536071
GACO0606T164S002	L1867315-03	Hot Water Sol. Boron	3.31		0.200	1	06/12/2025 00:13	WG2536071
GACO0606T164S003	L1867315-04	Hot Water Sol. Boron	1.44		0.200	1	06/12/2025 00:16	WG2536071
GACO0606T164C003	L1867315-05	Hot Water Sol. Boron	1.25		0.200	1	06/12/2025 00:20	WG2536071
GACO0606T164S004	L1867315-06	Hot Water Sol. Boron	2.28		0.200	1	06/12/2025 03:07	WG2536066
GACO0606T164S005	L1867315-08	Hot Water Sol. Boron	0.597		0.200	1	06/12/2025 00:22	WG2536071
GACO0606T164S006	L1867315-09	Hot Water Sol. Boron	1.71		0.200	1	06/12/2025 00:25	WG2536071
GACO0606T164S007	L1867315-10	Hot Water Sol. Boron	3.15		0.200	1	06/12/2025 00:28	WG2536071
GACO0606T164S008	L1867315-12	Hot Water Sol. Boron	0.746		0.200	1	06/12/2025 00:31	WG2536071
GACO0606T164S009	L1867315-13	Hot Water Sol. Boron	0.695		0.200	1	06/12/2025 00:34	WG2536071
GACO0606T164S010	L1867315-14	Hot Water Sol. Boron	2.91		0.200	1	06/12/2025 00:36	WG2536071
GACO0606T164S011	L1867315-15	Hot Water Sol. Boron	1.11		0.200	1	06/12/2025 00:39	WG2536071
GACO0606T164S012	L1867315-17	Hot Water Sol. Boron	1.46		0.200	1	06/12/2025 00:47	WG2536071
GACO0606T164C012	L1867315-18	Hot Water Sol. Boron	1.47		0.200	1	06/12/2025 00:50	WG2536071
GACO0606T164S013	L1867315-19	Hot Water Sol. Boron	0.828		0.200	1	06/12/2025 00:53	WG2536071

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Aluminum	5370		24.2	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Beryllium	0.587		0.242	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Calcium	11700		121	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Chromium	5.95		1.21	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Cobalt	4.84		1.21	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Iron	8290		12.1	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Magnesium	3810		121	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Manganese	267		1.21	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Potassium	1870		121	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Sodium	1400		121	1	06/07/2025 21:54	WG2533369
GACO0606T164S001	L1867315-01	Vanadium	16.6		2.42	1	06/07/2025 21:54	WG2533369
GACO0606T164S002	L1867315-03	Aluminum	2500		28.8	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Calcium	34700		144	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Chromium	2.86		1.44	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Cobalt	4.42		1.44	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Iron	5490		14.4	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Magnesium	3170		144	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Manganese	1130		1.44	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Potassium	860		144	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Sodium	752		144	1	06/07/2025 21:56	WG2533369
GACO0606T164S002	L1867315-03	Vanadium	7.27		2.88	1	06/07/2025 21:56	WG2533369



DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S003	L1867315-04	Aluminum	4700		25.8	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Beryllium	0.490		0.258	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Calcium	9120		129	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Chromium	5.43		1.29	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Cobalt	3.81		1.29	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Iron	8700		12.9	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Magnesium	4160		129	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Manganese	335		1.29	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Potassium	2790		129	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Sodium	6280		129	1	06/07/2025 21:58	WG2533369
GACO0606T164S003	L1867315-04	Vanadium	14.3		2.58	1	06/07/2025 21:58	WG2533369
GACO0606T164C003	L1867315-05	Aluminum	4740		25.2	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Beryllium	0.491		0.252	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Calcium	7960		126	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Chromium	5.61		1.26	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Cobalt	4.44		1.26	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Iron	7650		12.6	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Magnesium	3560		126	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Manganese	279		1.26	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Potassium	2600		126	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Sodium	6550		126	1	06/07/2025 22:04	WG2533369
GACO0606T164C003	L1867315-05	Vanadium	13.2		2.52	1	06/07/2025 22:04	WG2533369
GACO0606T164S004	L1867315-06	Aluminum	3110		45.4	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Calcium	96500		227	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Chromium	3.77		2.27	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Cobalt	6.52		2.27	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Iron	7570		22.7	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Magnesium	8070		227	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Manganese	1660		2.27	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Potassium	898		227	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Sodium	816		227	1	06/07/2025 22:06	WG2533369
GACO0606T164S004	L1867315-06	Vanadium	10.2		4.54	1	06/07/2025 22:06	WG2533369
GACO0606T164S005	L1867315-08	Aluminum	4830		23.6	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Beryllium	0.475		0.236	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Calcium	37400	O1 V	118	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Chromium	5.26		1.18	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Cobalt	4.24		1.18	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Iron	10100	O1 V	11.8	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Magnesium	2670		118	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Manganese	382	J6	1.18	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Potassium	1080		118	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Sodium	133		118	1	06/07/2025 21:45	WG2533369
GACO0606T164S005	L1867315-08	Vanadium	16.8		2.36	1	06/07/2025 21:45	WG2533369
GACO0606T164S006	L1867315-09	Aluminum	5220		25.5	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Beryllium	0.497		0.255	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Calcium	12900		127	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Chromium	5.57		1.27	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Cobalt	4.18		1.27	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Iron	7700		12.7	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Magnesium	3440		127	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Manganese	244		1.27	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Potassium	1940		127	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Sodium	625		127	1	06/07/2025 22:07	WG2533369
GACO0606T164S006	L1867315-09	Vanadium	13.5		2.55	1	06/07/2025 22:07	WG2533369

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S007	L1867315-10	Aluminum	6320		29.1	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Beryllium	0.698		0.291	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Calcium	21300		145	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Chromium	7.16		1.45	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Cobalt	6.01		1.45	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Iron	9400		14.5	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Magnesium	5350		145	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Manganese	377		1.45	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Potassium	3060		145	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Sodium	701		145	1	06/07/2025 22:09	WG2533369
GACO0606T164S007	L1867315-10	Vanadium	16.1		2.91	1	06/07/2025 22:09	WG2533369
GACO0606T164S008	L1867315-12	Aluminum	2950		24.3	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Beryllium	0.300		0.243	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Calcium	2960		121	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Chromium	3.72		1.21	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Cobalt	2.51		1.21	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Iron	4880		12.1	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Magnesium	1460		121	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Manganese	166		1.21	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Potassium	1020		121	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Sodium	142		121	1	06/07/2025 22:11	WG2533369
GACO0606T164S008	L1867315-12	Vanadium	8.82		2.43	1	06/07/2025 22:11	WG2533369
GACO0606T164S009	L1867315-13	Aluminum	4390		23.9	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Beryllium	0.427		0.239	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Calcium	13800		120	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Chromium	5.31		1.20	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Cobalt	3.39		1.20	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Iron	6450		12.0	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Magnesium	2630		120	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Manganese	185		1.20	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Potassium	1150		120	1	06/07/2025 22:13	WG2533369
GACO0606T164S009	L1867315-13	Vanadium	14.1		2.39	1	06/07/2025 22:13	WG2533369
GACO0606T164S010	L1867315-14	Aluminum	2990		23.9	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Beryllium	0.289		0.239	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Calcium	11400		120	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Chromium	3.69		1.20	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Cobalt	2.34		1.20	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Iron	5130		12.0	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Magnesium	2820		120	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Manganese	127		1.20	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Potassium	1240		120	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Sodium	637		120	1	06/07/2025 22:15	WG2533369
GACO0606T164S010	L1867315-14	Vanadium	9.43		2.39	1	06/07/2025 22:15	WG2533369
GACO0606T164S011	L1867315-15	Aluminum	5640		24.7	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Beryllium	0.491		0.247	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Calcium	4430		123	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Chromium	6.72		1.23	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Cobalt	4.21		1.23	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Iron	8270		12.3	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Magnesium	2680		123	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Manganese	250		1.23	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Potassium	1640		123	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Sodium	144		123	1	06/07/2025 22:17	WG2533369
GACO0606T164S011	L1867315-15	Vanadium	14.5		2.47	1	06/07/2025 22:17	WG2533369

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S012	L1867315-17	Aluminum	4190		24.9	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Beryllium	0.417		0.249	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Calcium	4680		125	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Chromium	4.96		1.25	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Cobalt	3.46		1.25	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Iron	5960		12.5	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Magnesium	3300		125	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Manganese	190		1.25	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Potassium	1100		125	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Sodium	832		125	1	06/07/2025 22:18	WG2533369
GACO0606T164S012	L1867315-17	Vanadium	12.0		2.49	1	06/07/2025 22:18	WG2533369
GACO0606T164C012	L1867315-18	Aluminum	3890		24.5	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Beryllium	0.411		0.245	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Calcium	4590		123	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Chromium	4.60		1.23	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Cobalt	3.47		1.23	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Iron	5400		12.3	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Magnesium	2870		123	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Manganese	196		1.23	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Potassium	1100		123	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Sodium	660		123	1	06/07/2025 22:20	WG2533369
GACO0606T164C012	L1867315-18	Vanadium	11.9		2.45	1	06/07/2025 22:20	WG2533369
GACO0606T164S013	L1867315-19	Aluminum	2820		22.9	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Beryllium	0.348		0.229	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Calcium	3280		114	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Chromium	3.76		1.14	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Cobalt	2.63		1.14	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Iron	5170		11.4	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Magnesium	1420		114	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Manganese	171		1.14	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Potassium	1020		114	1	06/07/2025 21:36	WG2533369
GACO0606T164S013	L1867315-19	Vanadium	10.4		2.29	1	06/07/2025 21:36	WG2533369

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Metals (ICPMS) by Method 6020B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Arsenic	4.98		0.121	5	06/12/2025 18:48	WG2537279
GACO0606T164S001	L1867315-01	Barium	115		12.1	5	06/12/2025 18:48	WG2537279
GACO0606T164S001	L1867315-01	Cadmium	0.258		0.121	5	06/12/2025 18:48	WG2537279
GACO0606T164S001	L1867315-01	Selenium	0.338		0.121	5	06/12/2025 18:48	WG2537279
GACO0606T164S002	L1867315-03	Arsenic	2.18		0.144	5	06/12/2025 18:51	WG2537279
GACO0606T164S002	L1867315-03	Barium	41.2		14.4	5	06/12/2025 18:51	WG2537279
GACO0606T164S002	L1867315-03	Selenium	0.482		0.144	5	06/12/2025 18:51	WG2537279
GACO0606T164S003	L1867315-04	Arsenic	3.18		0.129	5	06/12/2025 18:55	WG2537279
GACO0606T164S003	L1867315-04	Barium	96.7		12.9	5	06/12/2025 18:55	WG2537279
GACO0606T164S003	L1867315-04	Cadmium	0.381		0.129	5	06/12/2025 18:55	WG2537279
GACO0606T164S003	L1867315-04	Selenium	0.532		0.129	5	06/12/2025 18:55	WG2537279
GACO0606T164C003	L1867315-05	Arsenic	2.91		0.126	5	06/12/2025 19:09	WG2537279
GACO0606T164C003	L1867315-05	Barium	91.2		12.6	5	06/12/2025 19:09	WG2537279
GACO0606T164C003	L1867315-05	Cadmium	0.296		0.126	5	06/12/2025 19:09	WG2537279
GACO0606T164C003	L1867315-05	Selenium	0.715		0.126	5	06/12/2025 19:09	WG2537279
GACO0606T164S004	L1867315-06	Arsenic	4.26		0.227	5	06/12/2025 19:12	WG2537279
GACO0606T164S004	L1867315-06	Barium	64.2		22.7	5	06/12/2025 19:12	WG2537279
GACO0606T164S004	L1867315-06	Cadmium	0.238		0.227	5	06/12/2025 19:12	WG2537279
GACO0606T164S004	L1867315-06	Selenium	0.791		0.227	5	06/12/2025 19:12	WG2537279

DETECTION SUMMARY

Metals (ICPMS) by Method 6020B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S005	L1867315-08	Arsenic	4.58	J6	0.118	5	06/12/2025 18:33	WG2537279
GACO0606T164S005	L1867315-08	Barium	163		11.8	5	06/12/2025 18:33	WG2537279
GACO0606T164S005	L1867315-08	Cadmium	0.230		0.118	5	06/12/2025 18:33	WG2537279
GACO0606T164S005	L1867315-08	Selenium	0.316		0.118	5	06/12/2025 18:33	WG2537279
GACO0606T164S006	L1867315-09	Arsenic	3.66	J6	0.127	5	06/12/2025 19:15	WG2537279
GACO0606T164S006	L1867315-09	Barium	91.5		12.7	5	06/12/2025 19:15	WG2537279
GACO0606T164S006	L1867315-09	Cadmium	0.202		0.127	5	06/12/2025 19:15	WG2537279
GACO0606T164S006	L1867315-09	Selenium	0.589		0.127	5	06/12/2025 19:15	WG2537279
GACO0606T164S007	L1867315-10	Arsenic	3.22	J6	0.145	5	06/12/2025 19:18	WG2537279
GACO0606T164S007	L1867315-10	Barium	123		14.5	5	06/12/2025 19:18	WG2537279
GACO0606T164S007	L1867315-10	Cadmium	0.361		0.145	5	06/12/2025 19:18	WG2537279
GACO0606T164S007	L1867315-10	Selenium	0.490		0.145	5	06/12/2025 19:18	WG2537279
GACO0606T164S008	L1867315-12	Arsenic	1.86	J6	0.121	5	06/12/2025 19:21	WG2537279
GACO0606T164S008	L1867315-12	Barium	45.4		12.1	5	06/12/2025 19:21	WG2537279
GACO0606T164S008	L1867315-12	Cadmium	0.132		0.121	5	06/12/2025 19:21	WG2537279
GACO0606T164S008	L1867315-12	Selenium	0.193		0.121	5	06/12/2025 19:21	WG2537279
GACO0606T164S009	L1867315-13	Arsenic	3.22	J6	0.120	5	06/12/2025 19:24	WG2537279
GACO0606T164S009	L1867315-13	Barium	82.4		12.0	5	06/12/2025 19:24	WG2537279
GACO0606T164S009	L1867315-13	Cadmium	0.210		0.120	5	06/12/2025 19:24	WG2537279
GACO0606T164S009	L1867315-13	Selenium	0.276		0.120	5	06/12/2025 19:24	WG2537279
GACO0606T164S010	L1867315-14	Arsenic	2.09	J6	0.120	5	06/12/2025 19:28	WG2537279
GACO0606T164S010	L1867315-14	Barium	58.1		12.0	5	06/12/2025 19:28	WG2537279
GACO0606T164S010	L1867315-14	Selenium	0.234		0.120	5	06/12/2025 19:28	WG2537279
GACO0606T164S011	L1867315-15	Arsenic	3.38		0.123	5	06/12/2025 19:31	WG2537279
GACO0606T164S011	L1867315-15	Barium	88.3	J6	12.3	5	06/12/2025 19:31	WG2537279
GACO0606T164S011	L1867315-15	Cadmium	0.268		0.123	5	06/12/2025 19:31	WG2537279
GACO0606T164S011	L1867315-15	Copper	15.5		12.3	5	06/12/2025 19:31	WG2537279
GACO0606T164S011	L1867315-15	Selenium	0.306		0.123	5	06/12/2025 19:31	WG2537279
GACO0606T164S012	L1867315-17	Arsenic	2.47	J6	0.125	5	06/12/2025 19:34	WG2537279
GACO0606T164S012	L1867315-17	Barium	70.2		12.5	5	06/12/2025 19:34	WG2537279
GACO0606T164S012	L1867315-17	Cadmium	0.134		0.125	5	06/12/2025 19:34	WG2537279
GACO0606T164S012	L1867315-17	Selenium	0.284		0.125	5	06/12/2025 19:34	WG2537279
GACO0606T164C012	L1867315-18	Arsenic	2.09	J6	0.123	5	06/12/2025 19:38	WG2537279
GACO0606T164C012	L1867315-18	Barium	61.2		12.3	5	06/12/2025 19:38	WG2537279
GACO0606T164C012	L1867315-18	Cadmium	0.128		0.123	5	06/12/2025 19:38	WG2537279
GACO0606T164C012	L1867315-18	Selenium	0.276		0.123	5	06/12/2025 19:38	WG2537279
GACO0606T164S013	L1867315-19	Arsenic	1.80	J6	0.114	5	06/12/2025 19:48	WG2537279
GACO0606T164S013	L1867315-19	Barium	45.1		11.4	5	06/12/2025 19:48	WG2537279
GACO0606T164S013	L1867315-19	Cadmium	0.183		0.114	5	06/12/2025 19:48	WG2537279
GACO0606T164S013	L1867315-19	Selenium	0.220		0.114	5	06/12/2025 19:48	WG2537279



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

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	Chloroform	0.00621	B	0.00354	1	06/07/2025 17:37	WG2533297
GACO0606T164S002	L1867315-03	Chloroform	0.00844	B	0.00471	1	06/07/2025 17:56	WG2533297
GACO0606T164S003	L1867315-04	Chloroform	0.00697	B	0.00396	1	06/07/2025 18:15	WG2533297
GACO0606T164C003	L1867315-05	Chloroform	0.00666	B	0.00380	1	06/07/2025 18:35	WG2533297
GACO0606T164S004	L1867315-06	Chloroform	0.0159	B	0.00886	1	06/07/2025 18:54	WG2533297
GACO0606T164S005	L1867315-08	Benzene	0.00149	B	0.00136	1	06/07/2025 16:25	WG2533338
GACO0606T164S005	L1867315-08	Chloroform	0.00557		0.00340	1	06/07/2025 16:25	WG2533338
GACO0606T164S006	L1867315-09	Chloroform	0.00577		0.00387	1	06/07/2025 16:45	WG2533338
GACO0606T164S007	L1867315-10	Chloroform	0.00797		0.00477	1	06/07/2025 17:06	WG2533338
GACO0606T164S008	L1867315-12	Chloroform	0.00575	B	0.00357	1	06/07/2025 17:26	WG2533338
GACO0606T164S009	L1867315-13	Chloroform	0.00581	B	0.00348	1	06/07/2025 17:46	WG2533338

DETECTION SUMMARY

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

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S010	L1867315-14	Chloroform	0.00520	B	0.00349	1	06/07/2025 18:06	WG2533338
GACO0606T164S011	L1867315-15	Chloroform	0.00583	B	0.00367	1	06/07/2025 18:26	WG2533338
GACO0606T164S012	L1867315-17	Chloroform	0.00605	B	0.00374	1	06/07/2025 18:46	WG2533338
GACO0606T164C012	L1867315-18	Chloroform	0.00604	B	0.00364	1	06/07/2025 19:06	WG2533338
GACO0606T164S013	L1867315-19	Chloroform	0.00480	B	0.00321	1	06/07/2025 19:27	WG2533338

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

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S001	L1867315-01	C10-C28 Diesel Range	6.05		4.83	1	06/08/2025 02:45	WG2533388
GACO0606T164S001	L1867315-01	C28-C36 Motor Oil Range	43.3		4.83	1	06/08/2025 02:45	WG2533388
GACO0606T164S003	L1867315-04	C10-C28 Diesel Range	9.11		5.17	1	06/08/2025 04:18	WG2533388
GACO0606T164S003	L1867315-04	C28-C36 Motor Oil Range	79.8		5.17	1	06/08/2025 04:18	WG2533388
GACO0606T164C003	L1867315-05	C10-C28 Diesel Range	5.55		5.04	1	06/08/2025 04:31	WG2533388
GACO0606T164C003	L1867315-05	C28-C36 Motor Oil Range	50.3		5.04	1	06/08/2025 04:31	WG2533388
GACO0606T164S004	L1867315-06	C28-C36 Motor Oil Range	10.2	B	9.08	1	06/07/2025 23:39	WG2533388
GACO0606T164S005	L1867315-08	C10-C28 Diesel Range	6.75		4.72	1	06/08/2025 00:32	WG2533388
GACO0606T164S005	L1867315-08	C28-C36 Motor Oil Range	23.1		4.72	1	06/08/2025 00:32	WG2533388
GACO0606T164S006	L1867315-09	C28-C36 Motor Oil Range	26.9		5.10	1	06/08/2025 02:32	WG2533388
GACO0606T164S007	L1867315-10	C10-C28 Diesel Range	20.6		5.81	1	06/08/2025 05:38	WG2533388
GACO0606T164S007	L1867315-10	C28-C36 Motor Oil Range	147		5.81	1	06/08/2025 05:38	WG2533388
GACO0606T164S008	L1867315-12	C10-C28 Diesel Range	5.62		4.85	1	06/08/2025 01:38	WG2533388
GACO0606T164S008	L1867315-12	C28-C36 Motor Oil Range	34.8		4.85	1	06/08/2025 01:38	WG2533388
GACO0606T164S009	L1867315-13	C10-C28 Diesel Range	5.11		4.78	1	06/08/2025 01:52	WG2533388
GACO0606T164S009	L1867315-13	C28-C36 Motor Oil Range	32.3		4.78	1	06/08/2025 01:52	WG2533388
GACO0606T164S010	L1867315-14	C28-C36 Motor Oil Range	29.7		4.79	1	06/08/2025 03:25	WG2533388
GACO0606T164S011	L1867315-15	C10-C28 Diesel Range	6.57		4.94	1	06/08/2025 03:38	WG2533388
GACO0606T164S011	L1867315-15	C28-C36 Motor Oil Range	49.1		4.94	1	06/08/2025 03:38	WG2533388
GACO0606T164S012	L1867315-17	C10-C28 Diesel Range	7.81		4.99	1	06/08/2025 05:11	WG2533388
GACO0606T164S012	L1867315-17	C28-C36 Motor Oil Range	54.9		4.99	1	06/08/2025 05:11	WG2533388
GACO0606T164C012	L1867315-18	C10-C28 Diesel Range	5.60		4.91	1	06/08/2025 05:24	WG2533388
GACO0606T164C012	L1867315-18	C28-C36 Motor Oil Range	44.9		4.91	1	06/08/2025 05:24	WG2533388
GACO0606T164S013	L1867315-19	C28-C36 Motor Oil Range	9.54		4.57	1	06/08/2025 00:19	WG2533388

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

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0606T164S004	L1867315-06	Naphthalene	0.103		0.00681	1	06/08/2025 00:28	WG2533393
GACO0606T164S004	L1867315-06	1-Methylnaphthalene	0.0279		0.00681	1	06/08/2025 00:28	WG2533393
GACO0606T164S004	L1867315-06	2-Methylnaphthalene	0.0911		0.0273	1	06/08/2025 00:28	WG2533393



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	9.63		1	06/12/2025 03:45	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	771		24.2	1	06/10/2025 13:41	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.7		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.1	1	06/09/2025 23:06	WG2533835

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	770		121	5	06/10/2025 13:41	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.271		0.242	1	06/10/2025 04:52	WG2533374

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.32		1	06/12/2025 08:20	WG2536683

Sample Narrative:
L1867315-01 WG2536683: 8.32 at 21.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	6010	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:
L1867315-01 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24.2	1	06/07/2025 22:56	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	6920		500	5	06/08/2025 19:00	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	3.14		0.200	1	06/12/2025 00:05	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	5370		24.2	1	06/07/2025 21:54	WG2533369
Antimony	ND		2.42	1	06/07/2025 21:54	WG2533369
Beryllium	0.587		0.242	1	06/07/2025 21:54	WG2533369
Calcium	11700		121	1	06/07/2025 21:54	WG2533369
Chromium	5.95		1.21	1	06/07/2025 21:54	WG2533369
Cobalt	4.84		1.21	1	06/07/2025 21:54	WG2533369
Iron	8290		12.1	1	06/07/2025 21:54	WG2533369
Magnesium	3810		121	1	06/07/2025 21:54	WG2533369
Manganese	267		1.21	1	06/07/2025 21:54	WG2533369
Potassium	1870		121	1	06/07/2025 21:54	WG2533369
Sodium	1400		121	1	06/07/2025 21:54	WG2533369
Thallium	ND		2.42	1	06/07/2025 21:54	WG2533369
Vanadium	16.6		2.42	1	06/07/2025 21:54	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.98		0.121	5	06/12/2025 18:48	WG2537279
Barium	115		12.1	5	06/12/2025 18:48	WG2537279
Cadmium	0.258		0.121	5	06/12/2025 18:48	WG2537279
Copper	ND		12.1	5	06/12/2025 18:48	WG2537279
Lead	ND		12.1	5	06/12/2025 18:48	WG2537279
Nickel	ND		12.1	5	06/12/2025 18:48	WG2537279
Selenium	0.338		0.121	5	06/12/2025 18:48	WG2537279
Silver	ND		0.604	5	06/12/2025 18:48	WG2537279
Zinc	ND		60.4	5	06/12/2025 18:48	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.54	25	06/07/2025 17:45	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	105		77.0-120		06/07/2025 17:45	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0709	1	06/07/2025 17:37	WG2533297
Acrylonitrile	ND		0.0177	1	06/07/2025 17:37	WG2533297
Benzene	ND		0.00142	1	06/07/2025 17:37	WG2533297
Bromobenzene	ND		0.0177	1	06/07/2025 17:37	WG2533297
Bromodichloromethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
Bromoform	ND		0.0354	1	06/07/2025 17:37	WG2533297
Bromomethane	ND	C3	0.0177	1	06/07/2025 17:37	WG2533297
n-Butylbenzene	ND		0.0177	1	06/07/2025 17:37	WG2533297
sec-Butylbenzene	ND		0.0177	1	06/07/2025 17:37	WG2533297
tert-Butylbenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
Carbon tetrachloride	ND		0.00709	1	06/07/2025 17:37	WG2533297
Chlorobenzene	ND		0.00354	1	06/07/2025 17:37	WG2533297
Chlorodibromomethane	ND		0.00354	1	06/07/2025 17:37	WG2533297



GACO0606T164S001

SAMPLE RESULTS - 01

Collected date/time: 06/06/25 09:55

L1867315

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00709	1	06/07/2025 17:37	WG2533297
Chloroform	0.00621	B	0.00354	1	06/07/2025 17:37	WG2533297
Chloromethane	ND	C3	0.0177	1	06/07/2025 17:37	WG2533297
2-Chlorotoluene	ND		0.00354	1	06/07/2025 17:37	WG2533297
4-Chlorotoluene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,2-Dibromo-3-Chloropropane	ND		0.0354	1	06/07/2025 17:37	WG2533297
1,2-Dibromoethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
Dibromomethane	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,2-Dichlorobenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,3-Dichlorobenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,4-Dichlorobenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
Dichlorodifluoromethane	ND	C3	0.00709	1	06/07/2025 17:37	WG2533297
1,1-Dichloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,2-Dichloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,1-Dichloroethene	ND		0.00354	1	06/07/2025 17:37	WG2533297
cis-1,2-Dichloroethene	ND		0.00354	1	06/07/2025 17:37	WG2533297
trans-1,2-Dichloroethene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,2-Dichloropropane	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,1-Dichloropropene	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,3-Dichloropropane	ND		0.00709	1	06/07/2025 17:37	WG2533297
cis-1,3-Dichloropropene	ND		0.00354	1	06/07/2025 17:37	WG2533297
trans-1,3-Dichloropropene	ND		0.00709	1	06/07/2025 17:37	WG2533297
2,2-Dichloropropane	ND		0.00354	1	06/07/2025 17:37	WG2533297
Di-isopropyl ether	ND		0.00142	1	06/07/2025 17:37	WG2533297
Ethylbenzene	ND		0.0142	1	06/07/2025 17:37	WG2533297
Hexachloro-1,3-butadiene	ND		0.0354	1	06/07/2025 17:37	WG2533297
Isopropylbenzene	ND		0.00354	1	06/07/2025 17:37	WG2533297
p-Isopropyltoluene	ND		0.00709	1	06/07/2025 17:37	WG2533297
2-Butanone (MEK)	ND		0.142	1	06/07/2025 17:37	WG2533297
Methylene Chloride	ND		0.0354	1	06/07/2025 17:37	WG2533297
4-Methyl-2-pentanone (MIBK)	ND		0.0354	1	06/07/2025 17:37	WG2533297
Methyl tert-butyl ether	ND		0.00142	1	06/07/2025 17:37	WG2533297
n-Propylbenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
Styrene	ND		0.0177	1	06/07/2025 17:37	WG2533297
1,1,1,2-Tetrachloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,1,2,2-Tetrachloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,1,2-Trichlorotrifluoroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
Tetrachloroethene	ND		0.00354	1	06/07/2025 17:37	WG2533297
Toluene	ND		0.0142	1	06/07/2025 17:37	WG2533297
1,2,3-Trichlorobenzene	ND		0.0177	1	06/07/2025 17:37	WG2533297
1,2,4-Trichlorobenzene	ND		0.0177	1	06/07/2025 17:37	WG2533297
1,1,1-Trichloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,1,2-Trichloroethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
Trichloroethene	ND		0.00142	1	06/07/2025 17:37	WG2533297
Trichlorofluoromethane	ND		0.00354	1	06/07/2025 17:37	WG2533297
1,2,3-Trichloropropane	ND		0.0177	1	06/07/2025 17:37	WG2533297
1,2,3-Trimethylbenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,2,4-Trimethylbenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
1,3,5-Trimethylbenzene	ND		0.00709	1	06/07/2025 17:37	WG2533297
Vinyl chloride	ND	C3	0.00354	1	06/07/2025 17:37	WG2533297
Xylenes, Total	ND		0.142	1	06/07/2025 17:37	WG2533297
(S) Toluene-d8	99.1		75.0-131		06/07/2025 17:37	WG2533297
(S) 4-Bromofluorobenzene	100		67.0-138		06/07/2025 17:37	WG2533297
(S) 1,2-Dichloroethane-d4	105		70.0-130		06/07/2025 17:37	WG2533297

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.05		4.83	1	06/08/2025 02:45	WG2533388
C28-C36 Motor Oil Range	43.3		4.83	1	06/08/2025 02:45	WG2533388
(S) o-Terphenyl	45.7		18.0-148		06/08/2025 02:45	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0402	1	06/07/2025 23:26	WG2533392
Benzidine	ND	J4	2.02	1	06/07/2025 23:26	WG2533392
Benzo(g,h,i)perylene	ND		0.0402	1	06/07/2025 23:26	WG2533392
Bis(2-chlorethoxy)methane	ND		0.402	1	06/07/2025 23:26	WG2533392
Bis(2-chloroethyl)ether	ND		0.402	1	06/07/2025 23:26	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.402	1	06/07/2025 23:26	WG2533392
4-Bromophenyl-phenylether	ND		0.402	1	06/07/2025 23:26	WG2533392
2-Chloronaphthalene	ND		0.0402	1	06/07/2025 23:26	WG2533392
4-Chlorophenyl-phenylether	ND		0.402	1	06/07/2025 23:26	WG2533392
1,2-Dichlorobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
1,3-Dichlorobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
1,4-Dichlorobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
3,3-Dichlorobenzidine	ND		0.402	1	06/07/2025 23:26	WG2533392
2,4-Dinitrotoluene	ND		0.402	1	06/07/2025 23:26	WG2533392
2,6-Dinitrotoluene	ND		0.402	1	06/07/2025 23:26	WG2533392
Hexachlorobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
Hexachloro-1,3-butadiene	ND		0.402	1	06/07/2025 23:26	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.402	1	06/07/2025 23:26	WG2533392
Hexachloroethane	ND		0.402	1	06/07/2025 23:26	WG2533392
Isophorone	ND		0.402	1	06/07/2025 23:26	WG2533392
Nitrobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
n-Nitrosodimethylamine	ND	C3	0.402	1	06/07/2025 23:26	WG2533392
n-Nitrosodiphenylamine	ND		0.402	1	06/07/2025 23:26	WG2533392
n-Nitrosodi-n-propylamine	ND		0.402	1	06/07/2025 23:26	WG2533392
Phenanthrene	ND		0.0402	1	06/07/2025 23:26	WG2533392
Benzylbutyl phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
Di-n-butyl phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
Diethyl phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
Dimethyl phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
Di-n-octyl phthalate	ND		0.402	1	06/07/2025 23:26	WG2533392
1,2,4-Trichlorobenzene	ND		0.402	1	06/07/2025 23:26	WG2533392
4-Chloro-3-methylphenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2-Chlorophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2,4-Dichlorophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2,4-Dimethylphenol	ND	C3	0.402	1	06/07/2025 23:26	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2,4-Dinitrophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2-Nitrophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
4-Nitrophenol	ND	C3	0.402	1	06/07/2025 23:26	WG2533392
Pentachlorophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
Phenol	ND		0.402	1	06/07/2025 23:26	WG2533392
2,4,6-Trichlorophenol	ND		0.402	1	06/07/2025 23:26	WG2533392
(S) 2-Fluorophenol	72.2		12.0-120		06/07/2025 23:26	WG2533392
(S) Phenol-d5	61.6		10.0-120		06/07/2025 23:26	WG2533392
(S) Nitrobenzene-d5	61.6		10.0-122		06/07/2025 23:26	WG2533392
(S) 2-Fluorobiphenyl	68.4		15.0-120		06/07/2025 23:26	WG2533392
(S) 2,4,6-Tribromophenol	81.2		10.0-127		06/07/2025 23:26	WG2533392
(S) p-Terphenyl-d14	67.2		10.0-120		06/07/2025 23:26	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Acenaphthene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Acenaphthylene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Benzo(a)anthracene	ND		0.00725	1	06/07/2025 23:53	WG2533393
Benzo(a)pyrene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Benzo(b)fluoranthene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Benzo(g,h,i)perylene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Benzo(k)fluoranthene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Chrysene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Dibenz(a,h)anthracene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Fluoranthene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Fluorene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Naphthalene	ND		0.00363	1	06/07/2025 23:53	WG2533393
Phenanthrene	ND		0.0399	1	06/07/2025 23:53	WG2533393
Pyrene	ND		0.0399	1	06/07/2025 23:53	WG2533393
1-Methylnaphthalene	ND		0.00363	1	06/07/2025 23:53	WG2533393
2-Methylnaphthalene	ND		0.0145	1	06/07/2025 23:53	WG2533393
(S) p-Terphenyl-d14	74.2		23.0-120		06/07/2025 23:53	WG2533393
(S) Nitrobenzene-d5	66.6		14.0-149		06/07/2025 23:53	WG2533393
(S) 2-Fluorobiphenyl	76.0		34.0-125		06/07/2025 23:53	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.53		1	06/12/2025 03:47	WG2536015

1
Cp

2
Tc

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2170		28.8	1	06/10/2025 13:43	WG2533407

3
Ss

4
Cn

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	69.4		1	06/07/2025 15:13	WG2533296

5
Ds

6
Sr

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		14.4	1	06/09/2025 23:08	WG2533835

7
Qc

8
Gl

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2170		144	5	06/10/2025 13:43	WG2533907

9
Al

10
Sc

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.288	1	06/10/2025 05:04	WG2533374

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.17		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-03 WG2536683: 8.17 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2720	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-03 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		28.8	1	06/07/2025 23:09	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	19100		500	5	06/08/2025 19:00	WG2533385

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	3.31		0.200	1	06/12/2025 00:13	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2500		28.8	1	06/07/2025 21:56	WG2533369
Antimony	ND		2.88	1	06/07/2025 21:56	WG2533369
Beryllium	ND		0.288	1	06/07/2025 21:56	WG2533369
Calcium	34700		144	1	06/07/2025 21:56	WG2533369
Chromium	2.86		1.44	1	06/07/2025 21:56	WG2533369
Cobalt	4.42		1.44	1	06/07/2025 21:56	WG2533369
Iron	5490		14.4	1	06/07/2025 21:56	WG2533369
Magnesium	3170		144	1	06/07/2025 21:56	WG2533369
Manganese	1130		1.44	1	06/07/2025 21:56	WG2533369
Potassium	860		144	1	06/07/2025 21:56	WG2533369
Sodium	752		144	1	06/07/2025 21:56	WG2533369
Thallium	ND		2.88	1	06/07/2025 21:56	WG2533369
Vanadium	7.27		2.88	1	06/07/2025 21:56	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.18		0.144	5	06/12/2025 18:51	WG2537279
Barium	41.2		14.4	5	06/12/2025 18:51	WG2537279
Cadmium	ND		0.144	5	06/12/2025 18:51	WG2537279
Copper	ND		14.4	5	06/12/2025 18:51	WG2537279
Lead	ND		14.4	5	06/12/2025 18:51	WG2537279
Nickel	ND		14.4	5	06/12/2025 18:51	WG2537279
Selenium	0.482		0.144	5	06/12/2025 18:51	WG2537279
Silver	ND		0.721	5	06/12/2025 18:51	WG2537279
Zinc	ND		72.1	5	06/12/2025 18:51	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		4.71	25	06/07/2025 18:09	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 18:09	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0942	1	06/07/2025 17:56	WG2533297
Acrylonitrile	ND		0.0235	1	06/07/2025 17:56	WG2533297
Benzene	ND		0.00188	1	06/07/2025 17:56	WG2533297
Bromobenzene	ND		0.0235	1	06/07/2025 17:56	WG2533297
Bromodichloromethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
Bromoform	ND		0.0471	1	06/07/2025 17:56	WG2533297
Bromomethane	ND	C3	0.0235	1	06/07/2025 17:56	WG2533297
n-Butylbenzene	ND		0.0235	1	06/07/2025 17:56	WG2533297
sec-Butylbenzene	ND		0.0235	1	06/07/2025 17:56	WG2533297
tert-Butylbenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
Carbon tetrachloride	ND		0.00942	1	06/07/2025 17:56	WG2533297
Chlorobenzene	ND		0.00471	1	06/07/2025 17:56	WG2533297
Chlorodibromomethane	ND		0.00471	1	06/07/2025 17:56	WG2533297



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00942	1	06/07/2025 17:56	WG2533297
Chloroform	0.00844	B	0.00471	1	06/07/2025 17:56	WG2533297
Chloromethane	ND	C3	0.0235	1	06/07/2025 17:56	WG2533297
2-Chlorotoluene	ND		0.00471	1	06/07/2025 17:56	WG2533297
4-Chlorotoluene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,2-Dibromo-3-Chloropropane	ND		0.0471	1	06/07/2025 17:56	WG2533297
1,2-Dibromoethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
Dibromomethane	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,2-Dichlorobenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,3-Dichlorobenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,4-Dichlorobenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
Dichlorodifluoromethane	ND	C3	0.00942	1	06/07/2025 17:56	WG2533297
1,1-Dichloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,2-Dichloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,1-Dichloroethene	ND		0.00471	1	06/07/2025 17:56	WG2533297
cis-1,2-Dichloroethene	ND		0.00471	1	06/07/2025 17:56	WG2533297
trans-1,2-Dichloroethene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,2-Dichloropropane	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,1-Dichloropropene	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,3-Dichloropropane	ND		0.00942	1	06/07/2025 17:56	WG2533297
cis-1,3-Dichloropropene	ND		0.00471	1	06/07/2025 17:56	WG2533297
trans-1,3-Dichloropropene	ND		0.00942	1	06/07/2025 17:56	WG2533297
2,2-Dichloropropane	ND		0.00471	1	06/07/2025 17:56	WG2533297
Di-isopropyl ether	ND		0.00188	1	06/07/2025 17:56	WG2533297
Ethylbenzene	ND		0.0188	1	06/07/2025 17:56	WG2533297
Hexachloro-1,3-butadiene	ND		0.0471	1	06/07/2025 17:56	WG2533297
Isopropylbenzene	ND		0.00471	1	06/07/2025 17:56	WG2533297
p-Isopropyltoluene	ND		0.00942	1	06/07/2025 17:56	WG2533297
2-Butanone (MEK)	ND		0.188	1	06/07/2025 17:56	WG2533297
Methylene Chloride	ND		0.0471	1	06/07/2025 17:56	WG2533297
4-Methyl-2-pentanone (MIBK)	ND		0.0471	1	06/07/2025 17:56	WG2533297
Methyl tert-butyl ether	ND		0.00188	1	06/07/2025 17:56	WG2533297
n-Propylbenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
Styrene	ND		0.0235	1	06/07/2025 17:56	WG2533297
1,1,1,2-Tetrachloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,1,2,2-Tetrachloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,1,2-Trichlorotrifluoroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
Tetrachloroethene	ND		0.00471	1	06/07/2025 17:56	WG2533297
Toluene	ND		0.0188	1	06/07/2025 17:56	WG2533297
1,2,3-Trichlorobenzene	ND		0.0235	1	06/07/2025 17:56	WG2533297
1,2,4-Trichlorobenzene	ND		0.0235	1	06/07/2025 17:56	WG2533297
1,1,1-Trichloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,1,2-Trichloroethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
Trichloroethene	ND		0.00188	1	06/07/2025 17:56	WG2533297
Trichlorofluoromethane	ND		0.00471	1	06/07/2025 17:56	WG2533297
1,2,3-Trichloropropane	ND		0.0235	1	06/07/2025 17:56	WG2533297
1,2,3-Trimethylbenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,2,4-Trimethylbenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
1,3,5-Trimethylbenzene	ND		0.00942	1	06/07/2025 17:56	WG2533297
Vinyl chloride	ND	C3	0.00471	1	06/07/2025 17:56	WG2533297
Xylenes, Total	ND		0.188	1	06/07/2025 17:56	WG2533297
(S) Toluene-d8	98.7		75.0-131		06/07/2025 17:56	WG2533297
(S) 4-Bromofluorobenzene	101		67.0-138		06/07/2025 17:56	WG2533297
(S) 1,2-Dichloroethane-d4	105		70.0-130		06/07/2025 17:56	WG2533297

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.77	1	06/07/2025 23:26	WG2533388
C28-C36 Motor Oil Range	ND		5.77	1	06/07/2025 23:26	WG2533388
(S) o-Terphenyl	39.7		18.0-148		06/07/2025 23:26	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0480	1	06/07/2025 23:47	WG2533392
Benzidine	ND	J4	2.41	1	06/07/2025 23:47	WG2533392
Benzo(g,h,i)perylene	ND		0.0480	1	06/07/2025 23:47	WG2533392
Bis(2-chlorethoxy)methane	ND		0.480	1	06/07/2025 23:47	WG2533392
Bis(2-chloroethyl)ether	ND		0.480	1	06/07/2025 23:47	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.480	1	06/07/2025 23:47	WG2533392
4-Bromophenyl-phenylether	ND		0.480	1	06/07/2025 23:47	WG2533392
2-Chloronaphthalene	ND		0.0480	1	06/07/2025 23:47	WG2533392
4-Chlorophenyl-phenylether	ND		0.480	1	06/07/2025 23:47	WG2533392
1,2-Dichlorobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
1,3-Dichlorobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
1,4-Dichlorobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
3,3-Dichlorobenzidine	ND		0.480	1	06/07/2025 23:47	WG2533392
2,4-Dinitrotoluene	ND		0.480	1	06/07/2025 23:47	WG2533392
2,6-Dinitrotoluene	ND		0.480	1	06/07/2025 23:47	WG2533392
Hexachlorobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
Hexachloro-1,3-butadiene	ND		0.480	1	06/07/2025 23:47	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.480	1	06/07/2025 23:47	WG2533392
Hexachloroethane	ND		0.480	1	06/07/2025 23:47	WG2533392
Isophorone	ND		0.480	1	06/07/2025 23:47	WG2533392
Nitrobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
n-Nitrosodimethylamine	ND	C3	0.480	1	06/07/2025 23:47	WG2533392
n-Nitrosodiphenylamine	ND		0.480	1	06/07/2025 23:47	WG2533392
n-Nitrosodi-n-propylamine	ND		0.480	1	06/07/2025 23:47	WG2533392
Phenanthrene	ND		0.0480	1	06/07/2025 23:47	WG2533392
Benzylbutyl phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
Di-n-butyl phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
Diethyl phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
Dimethyl phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
Di-n-octyl phthalate	ND		0.480	1	06/07/2025 23:47	WG2533392
1,2,4-Trichlorobenzene	ND		0.480	1	06/07/2025 23:47	WG2533392
4-Chloro-3-methylphenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2-Chlorophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2,4-Dichlorophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2,4-Dimethylphenol	ND	C3	0.480	1	06/07/2025 23:47	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2,4-Dinitrophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2-Nitrophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
4-Nitrophenol	ND	C3	0.480	1	06/07/2025 23:47	WG2533392
Pentachlorophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
Phenol	ND		0.480	1	06/07/2025 23:47	WG2533392
2,4,6-Trichlorophenol	ND		0.480	1	06/07/2025 23:47	WG2533392
(S) 2-Fluorophenol	68.8		12.0-120		06/07/2025 23:47	WG2533392
(S) Phenol-d5	57.8		10.0-120		06/07/2025 23:47	WG2533392
(S) Nitrobenzene-d5	60.7		10.0-122		06/07/2025 23:47	WG2533392
(S) 2-Fluorobiphenyl	63.9		15.0-120		06/07/2025 23:47	WG2533392
(S) 2,4,6-Tribromophenol	77.5		10.0-127		06/07/2025 23:47	WG2533392
(S) p-Terphenyl-d14	63.9		10.0-120		06/07/2025 23:47	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Acenaphthene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Acenaphthylene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Benzo(a)anthracene	ND		0.00865	1	06/08/2025 00:11	WG2533393
Benzo(a)pyrene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Benzo(b)fluoranthene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Benzo(g,h,i)perylene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Benzo(k)fluoranthene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Chrysene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Dibenz(a,h)anthracene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Fluoranthene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Fluorene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Naphthalene	ND		0.00432	1	06/08/2025 00:11	WG2533393
Phenanthrene	ND		0.0476	1	06/08/2025 00:11	WG2533393
Pyrene	ND		0.0476	1	06/08/2025 00:11	WG2533393
1-Methylnaphthalene	ND		0.00432	1	06/08/2025 00:11	WG2533393
2-Methylnaphthalene	ND		0.0173	1	06/08/2025 00:11	WG2533393
(S) p-Terphenyl-d14	89.7		23.0-120		06/08/2025 00:11	WG2533393
(S) Nitrobenzene-d5	65.8		14.0-149		06/08/2025 00:11	WG2533393
(S) 2-Fluorobiphenyl	78.8		34.0-125		06/08/2025 00:11	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	35.2		1	06/12/2025 20:16	WG2536015

1
Cp

2
Tc

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2690		129	1	06/10/2025 13:45	WG2533407

3
Ss

4
Cn

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.4		1	06/07/2025 15:13	WG2533296

5
Ds

6
Sr

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.9	1	06/09/2025 21:25	WG2533836

7
Qc

8
Gl

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2590		129	5	06/10/2025 13:45	WG2533907

9
Al

10
Sc

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.258	1	06/09/2025 22:43	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.19		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-04 WG2536683: 8.19 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	20400	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-04 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		129	5	06/07/2025 23:23	WG2533407

Sample Narrative:

L1867315-04 WG2533407: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	32700		500	5	06/08/2025 19:01	WG2533385

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.44		0.200	1	06/12/2025 00:16	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4700		25.8	1	06/07/2025 21:58	WG2533369
Antimony	ND		2.58	1	06/07/2025 21:58	WG2533369
Beryllium	0.490		0.258	1	06/07/2025 21:58	WG2533369
Calcium	9120		129	1	06/07/2025 21:58	WG2533369
Chromium	5.43		1.29	1	06/07/2025 21:58	WG2533369
Cobalt	3.81		1.29	1	06/07/2025 21:58	WG2533369
Iron	8700		12.9	1	06/07/2025 21:58	WG2533369
Magnesium	4160		129	1	06/07/2025 21:58	WG2533369
Manganese	335		1.29	1	06/07/2025 21:58	WG2533369
Potassium	2790		129	1	06/07/2025 21:58	WG2533369
Sodium	6280		129	1	06/07/2025 21:58	WG2533369
Thallium	ND		2.58	1	06/07/2025 21:58	WG2533369
Vanadium	14.3		2.58	1	06/07/2025 21:58	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.18		0.129	5	06/12/2025 18:55	WG2537279
Barium	96.7		12.9	5	06/12/2025 18:55	WG2537279
Cadmium	0.381		0.129	5	06/12/2025 18:55	WG2537279
Copper	ND		12.9	5	06/12/2025 18:55	WG2537279
Lead	ND		12.9	5	06/12/2025 18:55	WG2537279
Nickel	ND		12.9	5	06/12/2025 18:55	WG2537279
Selenium	0.532		0.129	5	06/12/2025 18:55	WG2537279
Silver	ND		0.646	5	06/12/2025 18:55	WG2537279
Zinc	ND		64.6	5	06/12/2025 18:55	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.96	25	06/07/2025 18:33	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 18:33	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0792	1	06/07/2025 18:15	WG2533297
Acrylonitrile	ND		0.0198	1	06/07/2025 18:15	WG2533297
Benzene	ND		0.00158	1	06/07/2025 18:15	WG2533297
Bromobenzene	ND		0.0198	1	06/07/2025 18:15	WG2533297
Bromodichloromethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Bromoform	ND		0.0396	1	06/07/2025 18:15	WG2533297
Bromomethane	ND	C3	0.0198	1	06/07/2025 18:15	WG2533297
n-Butylbenzene	ND		0.0198	1	06/07/2025 18:15	WG2533297

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
sec-Butylbenzene	ND		0.0198	1	06/07/2025 18:15	WG2533297
tert-Butylbenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
Carbon tetrachloride	ND		0.00792	1	06/07/2025 18:15	WG2533297
Chlorobenzene	ND		0.00396	1	06/07/2025 18:15	WG2533297
Chlorodibromomethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Chloroethane	ND		0.00792	1	06/07/2025 18:15	WG2533297
Chloroform	0.00697	B	0.00396	1	06/07/2025 18:15	WG2533297
Chloromethane	ND	C3	0.0198	1	06/07/2025 18:15	WG2533297
2-Chlorotoluene	ND		0.00396	1	06/07/2025 18:15	WG2533297
4-Chlorotoluene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,2-Dibromo-3-Chloropropane	ND		0.0396	1	06/07/2025 18:15	WG2533297
1,2-Dibromoethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Dibromomethane	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,2-Dichlorobenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,3-Dichlorobenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,4-Dichlorobenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
Dichlorodifluoromethane	ND	C3	0.00792	1	06/07/2025 18:15	WG2533297
1,1-Dichloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,2-Dichloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,1-Dichloroethene	ND		0.00396	1	06/07/2025 18:15	WG2533297
cis-1,2-Dichloroethene	ND		0.00396	1	06/07/2025 18:15	WG2533297
trans-1,2-Dichloroethene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,2-Dichloropropane	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,1-Dichloropropene	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,3-Dichloropropane	ND		0.00792	1	06/07/2025 18:15	WG2533297
cis-1,3-Dichloropropene	ND		0.00396	1	06/07/2025 18:15	WG2533297
trans-1,3-Dichloropropene	ND		0.00792	1	06/07/2025 18:15	WG2533297
2,2-Dichloropropane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Di-isopropyl ether	ND		0.00158	1	06/07/2025 18:15	WG2533297
Ethylbenzene	ND		0.0158	1	06/07/2025 18:15	WG2533297
Hexachloro-1,3-butadiene	ND		0.0396	1	06/07/2025 18:15	WG2533297
Isopropylbenzene	ND		0.00396	1	06/07/2025 18:15	WG2533297
p-Isopropyltoluene	ND		0.00792	1	06/07/2025 18:15	WG2533297
2-Butanone (MEK)	ND		0.158	1	06/07/2025 18:15	WG2533297
Methylene Chloride	ND		0.0396	1	06/07/2025 18:15	WG2533297
4-Methyl-2-pentanone (MIBK)	ND		0.0396	1	06/07/2025 18:15	WG2533297
Methyl tert-butyl ether	ND		0.00158	1	06/07/2025 18:15	WG2533297
n-Propylbenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
Styrene	ND		0.0198	1	06/07/2025 18:15	WG2533297
1,1,1,2-Tetrachloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,1,2,2-Tetrachloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,1,2-Trichlorotrifluoroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Tetrachloroethene	ND		0.00396	1	06/07/2025 18:15	WG2533297
Toluene	ND		0.0158	1	06/07/2025 18:15	WG2533297
1,2,3-Trichlorobenzene	ND		0.0198	1	06/07/2025 18:15	WG2533297
1,2,4-Trichlorobenzene	ND		0.0198	1	06/07/2025 18:15	WG2533297
1,1,1-Trichloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,1,2-Trichloroethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
Trichloroethene	ND		0.00158	1	06/07/2025 18:15	WG2533297
Trichlorofluoromethane	ND		0.00396	1	06/07/2025 18:15	WG2533297
1,2,3-Trichloropropane	ND		0.0198	1	06/07/2025 18:15	WG2533297
1,2,3-Trimethylbenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,2,4-Trimethylbenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
1,3,5-Trimethylbenzene	ND		0.00792	1	06/07/2025 18:15	WG2533297
Vinyl chloride	ND	C3	0.00396	1	06/07/2025 18:15	WG2533297
Xylenes, Total	ND		0.158	1	06/07/2025 18:15	WG2533297

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Toluene-d8	101		75.0-131		06/07/2025 18:15	WG2533297
(S) 4-Bromofluorobenzene	101		67.0-138		06/07/2025 18:15	WG2533297
(S) 1,2-Dichloroethane-d4	108		70.0-130		06/07/2025 18:15	WG2533297

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	9.11		5.17	1	06/08/2025 04:18	WG2533388
C28-C36 Motor Oil Range	79.8		5.17	1	06/08/2025 04:18	WG2533388
(S) o-Terphenyl	44.9		18.0-148		06/08/2025 04:18	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0860	2	06/08/2025 05:03	WG2533392
Benidine	ND	J4	4.31	2	06/08/2025 05:03	WG2533392
Benzo(g,h,i)perylene	ND		0.0860	2	06/08/2025 05:03	WG2533392
Bis(2-chlorethoxy)methane	ND		0.860	2	06/08/2025 05:03	WG2533392
Bis(2-chloroethyl)ether	ND		0.860	2	06/08/2025 05:03	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.860	2	06/08/2025 05:03	WG2533392
4-Bromophenyl-phenylether	ND		0.860	2	06/08/2025 05:03	WG2533392
2-Chloronaphthalene	ND		0.0860	2	06/08/2025 05:03	WG2533392
4-Chlorophenyl-phenylether	ND		0.860	2	06/08/2025 05:03	WG2533392
1,2-Dichlorobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
1,3-Dichlorobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
1,4-Dichlorobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
3,3-Dichlorobenzidine	ND		0.860	2	06/08/2025 05:03	WG2533392
2,4-Dinitrotoluene	ND		0.860	2	06/08/2025 05:03	WG2533392
2,6-Dinitrotoluene	ND		0.860	2	06/08/2025 05:03	WG2533392
Hexachlorobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
Hexachloro-1,3-butadiene	ND		0.860	2	06/08/2025 05:03	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.860	2	06/08/2025 05:03	WG2533392
Hexachloroethane	ND		0.860	2	06/08/2025 05:03	WG2533392
Isophorone	ND		0.860	2	06/08/2025 05:03	WG2533392
Nitrobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
n-Nitrosodimethylamine	ND	C3	0.860	2	06/08/2025 05:03	WG2533392
n-Nitrosodiphenylamine	ND		0.860	2	06/08/2025 05:03	WG2533392
n-Nitrosodi-n-propylamine	ND		0.860	2	06/08/2025 05:03	WG2533392
Phenanthrene	ND		0.0860	2	06/08/2025 05:03	WG2533392
Benzylbutyl phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
Di-n-butyl phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
Diethyl phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
Dimethyl phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
Di-n-octyl phthalate	ND		0.860	2	06/08/2025 05:03	WG2533392
1,2,4-Trichlorobenzene	ND		0.860	2	06/08/2025 05:03	WG2533392
4-Chloro-3-methylphenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2-Chlorophenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2,4-Dichlorophenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2,4-Dimethylphenol	ND	C3	0.860	2	06/08/2025 05:03	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2,4-Dinitrophenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2-Nitrophenol	ND		0.860	2	06/08/2025 05:03	WG2533392
4-Nitrophenol	ND	C3	0.860	2	06/08/2025 05:03	WG2533392
Pentachlorophenol	ND		0.860	2	06/08/2025 05:03	WG2533392

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.860	2	06/08/2025 05:03	WG2533392
2,4,6-Trichlorophenol	ND		0.860	2	06/08/2025 05:03	WG2533392
(S) 2-Fluorophenol	71.2		12.0-120		06/08/2025 05:03	WG2533392
(S) Phenol-d5	60.5		10.0-120		06/08/2025 05:03	WG2533392
(S) Nitrobenzene-d5	63.1		10.0-122		06/08/2025 05:03	WG2533392
(S) 2-Fluorobiphenyl	64.9		15.0-120		06/08/2025 05:03	WG2533392
(S) 2,4,6-Tribromophenol	77.0		10.0-127		06/08/2025 05:03	WG2533392
(S) p-Terphenyl-d14	62.2		10.0-120		06/08/2025 05:03	WG2533392

Sample Narrative:

L1867315-04 WG2533392: Dilution due to matrix impact during extraction procedure

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Acenaphthene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Acenaphthylene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Benzo(a)anthracene	ND		0.00775	1	06/08/2025 03:22	WG2533393
Benzo(a)pyrene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Benzo(b)fluoranthene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Benzo(g,h,i)perylene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Benzo(k)fluoranthene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Chrysene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Dibenz(a,h)anthracene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Fluoranthene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Fluorene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Naphthalene	ND		0.00388	1	06/08/2025 03:22	WG2533393
Phenanthrene	ND		0.0426	1	06/08/2025 03:22	WG2533393
Pyrene	ND		0.0426	1	06/08/2025 03:22	WG2533393
1-Methylnaphthalene	ND		0.00388	1	06/08/2025 03:22	WG2533393
2-Methylnaphthalene	ND		0.0155	1	06/08/2025 03:22	WG2533393
(S) p-Terphenyl-d14	77.2		23.0-120		06/08/2025 03:22	WG2533393
(S) Nitrobenzene-d5	66.1		14.0-149		06/08/2025 03:22	WG2533393
(S) 2-Fluorobiphenyl	74.8		34.0-125		06/08/2025 03:22	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	39.3		1	06/12/2025 20:18	WG2536015

1
Cp

2
Tc

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2520		126	1	06/10/2025 13:46	WG2533407

3
Ss

4
Cn

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	79.4		1	06/07/2025 15:13	WG2533296

5
Ds

6
Sr

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.6	1	06/09/2025 21:27	WG2533836

7
Qc

8
Gl

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2420		126	5	06/10/2025 13:46	WG2533907

9
Al

10
Sc

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.252	1	06/09/2025 22:52	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.11		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-05 WG2536683: 8.11 at 21.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	24700	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-05 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		126	5	06/07/2025 23:36	WG2533407

Sample Narrative:

L1867315-05 WG2533407: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	20400		500	5	06/08/2025 19:01	WG2533385

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.25		0.200	1	06/12/2025 00:20	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4740		25.2	1	06/07/2025 22:04	WG2533369
Antimony	ND		2.52	1	06/07/2025 22:04	WG2533369
Beryllium	0.491		0.252	1	06/07/2025 22:04	WG2533369
Calcium	7960		126	1	06/07/2025 22:04	WG2533369
Chromium	5.61		1.26	1	06/07/2025 22:04	WG2533369
Cobalt	4.44		1.26	1	06/07/2025 22:04	WG2533369
Iron	7650		12.6	1	06/07/2025 22:04	WG2533369
Magnesium	3560		126	1	06/07/2025 22:04	WG2533369
Manganese	279		1.26	1	06/07/2025 22:04	WG2533369
Potassium	2600		126	1	06/07/2025 22:04	WG2533369
Sodium	6550		126	1	06/07/2025 22:04	WG2533369
Thallium	ND		2.52	1	06/07/2025 22:04	WG2533369
Vanadium	13.2		2.52	1	06/07/2025 22:04	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.91		0.126	5	06/12/2025 19:09	WG2537279
Barium	91.2		12.6	5	06/12/2025 19:09	WG2537279
Cadmium	0.296		0.126	5	06/12/2025 19:09	WG2537279
Copper	ND		12.6	5	06/12/2025 19:09	WG2537279
Lead	ND		12.6	5	06/12/2025 19:09	WG2537279
Nickel	ND		12.6	5	06/12/2025 19:09	WG2537279
Selenium	0.715		0.126	5	06/12/2025 19:09	WG2537279
Silver	ND		0.630	5	06/12/2025 19:09	WG2537279
Zinc	ND		63.0	5	06/12/2025 19:09	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.80	25	06/07/2025 18:56	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	103		77.0-120		06/07/2025 18:56	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0760	1	06/07/2025 18:35	WG2533297
Acrylonitrile	ND		0.0190	1	06/07/2025 18:35	WG2533297
Benzene	ND		0.00152	1	06/07/2025 18:35	WG2533297
Bromobenzene	ND		0.0190	1	06/07/2025 18:35	WG2533297
Bromodichloromethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Bromoform	ND		0.0380	1	06/07/2025 18:35	WG2533297
Bromomethane	ND	C3	0.0190	1	06/07/2025 18:35	WG2533297
n-Butylbenzene	ND		0.0190	1	06/07/2025 18:35	WG2533297

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

GACO0606T164C003

Collected date/time: 06/06/25 10:30

SAMPLE RESULTS - 05

L1867315

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
sec-Butylbenzene	ND		0.0190	1	06/07/2025 18:35	WG2533297
tert-Butylbenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
Carbon tetrachloride	ND		0.00760	1	06/07/2025 18:35	WG2533297
Chlorobenzene	ND		0.00380	1	06/07/2025 18:35	WG2533297
Chlorodibromomethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Chloroethane	ND		0.00760	1	06/07/2025 18:35	WG2533297
Chloroform	0.00666	B	0.00380	1	06/07/2025 18:35	WG2533297
Chloromethane	ND	C3	0.0190	1	06/07/2025 18:35	WG2533297
2-Chlorotoluene	ND		0.00380	1	06/07/2025 18:35	WG2533297
4-Chlorotoluene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,2-Dibromo-3-Chloropropane	ND		0.0380	1	06/07/2025 18:35	WG2533297
1,2-Dibromoethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Dibromomethane	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,2-Dichlorobenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,3-Dichlorobenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,4-Dichlorobenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
Dichlorodifluoromethane	ND	C3	0.00760	1	06/07/2025 18:35	WG2533297
1,1-Dichloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,2-Dichloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,1-Dichloroethene	ND		0.00380	1	06/07/2025 18:35	WG2533297
cis-1,2-Dichloroethene	ND		0.00380	1	06/07/2025 18:35	WG2533297
trans-1,2-Dichloroethene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,2-Dichloropropane	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,1-Dichloropropene	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,3-Dichloropropane	ND		0.00760	1	06/07/2025 18:35	WG2533297
cis-1,3-Dichloropropene	ND		0.00380	1	06/07/2025 18:35	WG2533297
trans-1,3-Dichloropropene	ND		0.00760	1	06/07/2025 18:35	WG2533297
2,2-Dichloropropane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Di-isopropyl ether	ND		0.00152	1	06/07/2025 18:35	WG2533297
Ethylbenzene	ND		0.0152	1	06/07/2025 18:35	WG2533297
Hexachloro-1,3-butadiene	ND		0.0380	1	06/07/2025 18:35	WG2533297
Isopropylbenzene	ND		0.00380	1	06/07/2025 18:35	WG2533297
p-Isopropyltoluene	ND		0.00760	1	06/07/2025 18:35	WG2533297
2-Butanone (MEK)	ND		0.152	1	06/07/2025 18:35	WG2533297
Methylene Chloride	ND		0.0380	1	06/07/2025 18:35	WG2533297
4-Methyl-2-pentanone (MIBK)	ND		0.0380	1	06/07/2025 18:35	WG2533297
Methyl tert-butyl ether	ND		0.00152	1	06/07/2025 18:35	WG2533297
n-Propylbenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
Styrene	ND		0.0190	1	06/07/2025 18:35	WG2533297
1,1,1,2-Tetrachloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,1,2,2-Tetrachloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,1,2-Trichlorotrifluoroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Tetrachloroethene	ND		0.00380	1	06/07/2025 18:35	WG2533297
Toluene	ND		0.0152	1	06/07/2025 18:35	WG2533297
1,2,3-Trichlorobenzene	ND		0.0190	1	06/07/2025 18:35	WG2533297
1,2,4-Trichlorobenzene	ND		0.0190	1	06/07/2025 18:35	WG2533297
1,1,1-Trichloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,1,2-Trichloroethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
Trichloroethene	ND		0.00152	1	06/07/2025 18:35	WG2533297
Trichlorofluoromethane	ND		0.00380	1	06/07/2025 18:35	WG2533297
1,2,3-Trichloropropane	ND		0.0190	1	06/07/2025 18:35	WG2533297
1,2,3-Trimethylbenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,2,4-Trimethylbenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
1,3,5-Trimethylbenzene	ND		0.00760	1	06/07/2025 18:35	WG2533297
Vinyl chloride	ND	C3	0.00380	1	06/07/2025 18:35	WG2533297
Xylenes, Total	ND		0.152	1	06/07/2025 18:35	WG2533297

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) Toluene-d8	99.2		75.0-131		06/07/2025 18:35	WG2533297
(S) 4-Bromofluorobenzene	98.7		67.0-138		06/07/2025 18:35	WG2533297
(S) 1,2-Dichloroethane-d4	105		70.0-130		06/07/2025 18:35	WG2533297

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.55		5.04	1	06/08/2025 04:31	WG2533388
C28-C36 Motor Oil Range	50.3		5.04	1	06/08/2025 04:31	WG2533388
(S) o-Terphenyl	39.8		18.0-148		06/08/2025 04:31	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0839	2	06/08/2025 04:42	WG2533392
Benidine	ND	J4	4.21	2	06/08/2025 04:42	WG2533392
Benzo(g,h,i)perylene	ND		0.0839	2	06/08/2025 04:42	WG2533392
Bis(2-chlorethoxy)methane	ND		0.839	2	06/08/2025 04:42	WG2533392
Bis(2-chloroethyl)ether	ND		0.839	2	06/08/2025 04:42	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.839	2	06/08/2025 04:42	WG2533392
4-Bromophenyl-phenylether	ND		0.839	2	06/08/2025 04:42	WG2533392
2-Chloronaphthalene	ND		0.0839	2	06/08/2025 04:42	WG2533392
4-Chlorophenyl-phenylether	ND		0.839	2	06/08/2025 04:42	WG2533392
1,2-Dichlorobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
1,3-Dichlorobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
1,4-Dichlorobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
3,3-Dichlorobenzidine	ND		0.839	2	06/08/2025 04:42	WG2533392
2,4-Dinitrotoluene	ND		0.839	2	06/08/2025 04:42	WG2533392
2,6-Dinitrotoluene	ND		0.839	2	06/08/2025 04:42	WG2533392
Hexachlorobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
Hexachloro-1,3-butadiene	ND		0.839	2	06/08/2025 04:42	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.839	2	06/08/2025 04:42	WG2533392
Hexachloroethane	ND		0.839	2	06/08/2025 04:42	WG2533392
Isophorone	ND		0.839	2	06/08/2025 04:42	WG2533392
Nitrobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
n-Nitrosodimethylamine	ND	C3	0.839	2	06/08/2025 04:42	WG2533392
n-Nitrosodiphenylamine	ND		0.839	2	06/08/2025 04:42	WG2533392
n-Nitrosodi-n-propylamine	ND		0.839	2	06/08/2025 04:42	WG2533392
Phenanthrene	ND		0.0839	2	06/08/2025 04:42	WG2533392
Benzylbutyl phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
Di-n-butyl phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
Diethyl phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
Dimethyl phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
Di-n-octyl phthalate	ND		0.839	2	06/08/2025 04:42	WG2533392
1,2,4-Trichlorobenzene	ND		0.839	2	06/08/2025 04:42	WG2533392
4-Chloro-3-methylphenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2-Chlorophenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2,4-Dichlorophenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2,4-Dimethylphenol	ND	C3	0.839	2	06/08/2025 04:42	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2,4-Dinitrophenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2-Nitrophenol	ND		0.839	2	06/08/2025 04:42	WG2533392
4-Nitrophenol	ND	C3	0.839	2	06/08/2025 04:42	WG2533392
Pentachlorophenol	ND		0.839	2	06/08/2025 04:42	WG2533392

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Phenol	ND		0.839	2	06/08/2025 04:42	WG2533392
2,4,6-Trichlorophenol	ND		0.839	2	06/08/2025 04:42	WG2533392
(S) 2-Fluorophenol	68.8		12.0-120		06/08/2025 04:42	WG2533392
(S) Phenol-d5	58.3		10.0-120		06/08/2025 04:42	WG2533392
(S) Nitrobenzene-d5	60.3		10.0-122		06/08/2025 04:42	WG2533392
(S) 2-Fluorobiphenyl	59.4		15.0-120		06/08/2025 04:42	WG2533392
(S) 2,4,6-Tribromophenol	80.2		10.0-127		06/08/2025 04:42	WG2533392
(S) p-Terphenyl-d14	70.9		10.0-120		06/08/2025 04:42	WG2533392

Sample Narrative:

L1867315-05 WG2533392: Dilution due to matrix impact during extraction procedure

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Acenaphthene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Acenaphthylene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Benzo(a)anthracene	ND		0.00756	1	06/08/2025 03:39	WG2533393
Benzo(a)pyrene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Benzo(b)fluoranthene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Benzo(g,h,i)perylene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Benzo(k)fluoranthene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Chrysene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Dibenz(a,h)anthracene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Fluoranthene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Fluorene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Naphthalene	ND		0.00378	1	06/08/2025 03:39	WG2533393
Phenanthrene	ND		0.0416	1	06/08/2025 03:39	WG2533393
Pyrene	ND		0.0416	1	06/08/2025 03:39	WG2533393
1-Methylnaphthalene	ND		0.00378	1	06/08/2025 03:39	WG2533393
2-Methylnaphthalene	ND		0.0151	1	06/08/2025 03:39	WG2533393
(S) p-Terphenyl-d14	79.4		23.0-120		06/08/2025 03:39	WG2533393
(S) Nitrobenzene-d5	71.4		14.0-149		06/08/2025 03:39	WG2533393
(S) 2-Fluorobiphenyl	77.8		34.0-125		06/08/2025 03:39	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.21		1	06/12/2025 12:43	WG2536010

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	4960		45.4	1	06/10/2025 13:48	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	44.0		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		22.7	1	06/09/2025 21:28	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	4960		227	5	06/10/2025 13:48	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.454	1	06/09/2025 23:01	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.95		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-06 WG2536683: 7.95 at 21.1C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2000	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-06 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		45.4	1	06/07/2025 23:50	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	47900		2000	20	06/08/2025 19:01	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	2.28		0.200	1	06/12/2025 03:07	WG2536066

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3110		45.4	1	06/07/2025 22:06	WG2533369
Antimony	ND		4.54	1	06/07/2025 22:06	WG2533369
Beryllium	ND		0.454	1	06/07/2025 22:06	WG2533369
Calcium	96500		227	1	06/07/2025 22:06	WG2533369
Chromium	3.77		2.27	1	06/07/2025 22:06	WG2533369
Cobalt	6.52		2.27	1	06/07/2025 22:06	WG2533369
Iron	7570		22.7	1	06/07/2025 22:06	WG2533369
Magnesium	8070		227	1	06/07/2025 22:06	WG2533369
Manganese	1660		2.27	1	06/07/2025 22:06	WG2533369
Potassium	898		227	1	06/07/2025 22:06	WG2533369
Sodium	816		227	1	06/07/2025 22:06	WG2533369
Thallium	ND		4.54	1	06/07/2025 22:06	WG2533369
Vanadium	10.2		4.54	1	06/07/2025 22:06	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.26		0.227	5	06/12/2025 19:12	WG2537279
Barium	64.2		22.7	5	06/12/2025 19:12	WG2537279
Cadmium	0.238		0.227	5	06/12/2025 19:12	WG2537279
Copper	ND		22.7	5	06/12/2025 19:12	WG2537279
Lead	ND		22.7	5	06/12/2025 19:12	WG2537279
Nickel	ND		22.7	5	06/12/2025 19:12	WG2537279
Selenium	0.791		0.227	5	06/12/2025 19:12	WG2537279
Silver	ND		1.14	5	06/12/2025 19:12	WG2537279
Zinc	ND		114	5	06/12/2025 19:12	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		8.86	25	06/07/2025 19:20	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	103		77.0-120		06/07/2025 19:20	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.177	1	06/07/2025 18:54	WG2533297
Acrylonitrile	ND		0.0443	1	06/07/2025 18:54	WG2533297
Benzene	ND		0.00355	1	06/07/2025 18:54	WG2533297
Bromobenzene	ND		0.0443	1	06/07/2025 18:54	WG2533297
Bromodichloromethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
Bromoform	ND		0.0886	1	06/07/2025 18:54	WG2533297
Bromomethane	ND	C3	0.0443	1	06/07/2025 18:54	WG2533297
n-Butylbenzene	ND		0.0443	1	06/07/2025 18:54	WG2533297
sec-Butylbenzene	ND		0.0443	1	06/07/2025 18:54	WG2533297
tert-Butylbenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
Carbon tetrachloride	ND		0.0177	1	06/07/2025 18:54	WG2533297
Chlorobenzene	ND		0.00886	1	06/07/2025 18:54	WG2533297
Chlorodibromomethane	ND		0.00886	1	06/07/2025 18:54	WG2533297



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.0177	1	06/07/2025 18:54	WG2533297
Chloroform	0.0159	B	0.00886	1	06/07/2025 18:54	WG2533297
Chloromethane	ND	C3	0.0443	1	06/07/2025 18:54	WG2533297
2-Chlorotoluene	ND		0.00886	1	06/07/2025 18:54	WG2533297
4-Chlorotoluene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,2-Dibromo-3-Chloropropane	ND		0.0886	1	06/07/2025 18:54	WG2533297
1,2-Dibromoethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
Dibromomethane	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,2-Dichlorobenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,3-Dichlorobenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,4-Dichlorobenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
Dichlorodifluoromethane	ND	C3	0.0177	1	06/07/2025 18:54	WG2533297
1,1-Dichloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,2-Dichloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,1-Dichloroethene	ND		0.00886	1	06/07/2025 18:54	WG2533297
cis-1,2-Dichloroethene	ND		0.00886	1	06/07/2025 18:54	WG2533297
trans-1,2-Dichloroethene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,2-Dichloropropane	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,1-Dichloropropene	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,3-Dichloropropane	ND		0.0177	1	06/07/2025 18:54	WG2533297
cis-1,3-Dichloropropene	ND		0.00886	1	06/07/2025 18:54	WG2533297
trans-1,3-Dichloropropene	ND		0.0177	1	06/07/2025 18:54	WG2533297
2,2-Dichloropropane	ND		0.00886	1	06/07/2025 18:54	WG2533297
Di-isopropyl ether	ND		0.00355	1	06/07/2025 18:54	WG2533297
Ethylbenzene	ND		0.0355	1	06/07/2025 18:54	WG2533297
Hexachloro-1,3-butadiene	ND		0.0886	1	06/07/2025 18:54	WG2533297
Isopropylbenzene	ND		0.00886	1	06/07/2025 18:54	WG2533297
p-Isopropyltoluene	ND		0.0177	1	06/07/2025 18:54	WG2533297
2-Butanone (MEK)	ND		0.355	1	06/07/2025 18:54	WG2533297
Methylene Chloride	ND		0.0886	1	06/07/2025 18:54	WG2533297
4-Methyl-2-pentanone (MIBK)	ND		0.0886	1	06/07/2025 18:54	WG2533297
Methyl tert-butyl ether	ND		0.00355	1	06/07/2025 18:54	WG2533297
n-Propylbenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
Styrene	ND		0.0443	1	06/07/2025 18:54	WG2533297
1,1,1,2-Tetrachloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,1,2,2-Tetrachloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,1,2-Trichlorotrifluoroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
Tetrachloroethene	ND		0.00886	1	06/07/2025 18:54	WG2533297
Toluene	ND		0.0355	1	06/07/2025 18:54	WG2533297
1,2,3-Trichlorobenzene	ND		0.0443	1	06/07/2025 18:54	WG2533297
1,2,4-Trichlorobenzene	ND		0.0443	1	06/07/2025 18:54	WG2533297
1,1,1-Trichloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,1,2-Trichloroethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
Trichloroethene	ND		0.00355	1	06/07/2025 18:54	WG2533297
Trichlorofluoromethane	ND		0.00886	1	06/07/2025 18:54	WG2533297
1,2,3-Trichloropropane	ND		0.0443	1	06/07/2025 18:54	WG2533297
1,2,3-Trimethylbenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,2,4-Trimethylbenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
1,3,5-Trimethylbenzene	ND		0.0177	1	06/07/2025 18:54	WG2533297
Vinyl chloride	ND	C3	0.00886	1	06/07/2025 18:54	WG2533297
Xylenes, Total	ND		0.355	1	06/07/2025 18:54	WG2533297
(S) Toluene-d8	101		75.0-131		06/07/2025 18:54	WG2533297
(S) 4-Bromofluorobenzene	102		67.0-138		06/07/2025 18:54	WG2533297
(S) 1,2-Dichloroethane-d4	107		70.0-130		06/07/2025 18:54	WG2533297

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		9.08	1	06/07/2025 23:39	WG2533388
C28-C36 Motor Oil Range	10.2	B	9.08	1	06/07/2025 23:39	WG2533388
(S) o-Terphenyl	42.1		18.0-148		06/07/2025 23:39	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0756	1	06/08/2025 00:08	WG2533392
Benzidine	ND	J4	3.79	1	06/08/2025 00:08	WG2533392
Benzo(g,h,i)perylene	ND		0.0756	1	06/08/2025 00:08	WG2533392
Bis(2-chlorethoxy)methane	ND		0.756	1	06/08/2025 00:08	WG2533392
Bis(2-chloroethyl)ether	ND		0.756	1	06/08/2025 00:08	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.756	1	06/08/2025 00:08	WG2533392
4-Bromophenyl-phenylether	ND		0.756	1	06/08/2025 00:08	WG2533392
2-Chloronaphthalene	ND		0.0756	1	06/08/2025 00:08	WG2533392
4-Chlorophenyl-phenylether	ND		0.756	1	06/08/2025 00:08	WG2533392
1,2-Dichlorobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
1,3-Dichlorobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
1,4-Dichlorobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
3,3-Dichlorobenzidine	ND		0.756	1	06/08/2025 00:08	WG2533392
2,4-Dinitrotoluene	ND		0.756	1	06/08/2025 00:08	WG2533392
2,6-Dinitrotoluene	ND		0.756	1	06/08/2025 00:08	WG2533392
Hexachlorobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
Hexachloro-1,3-butadiene	ND		0.756	1	06/08/2025 00:08	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.756	1	06/08/2025 00:08	WG2533392
Hexachloroethane	ND		0.756	1	06/08/2025 00:08	WG2533392
Isophorone	ND		0.756	1	06/08/2025 00:08	WG2533392
Nitrobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
n-Nitrosodimethylamine	ND	C3	0.756	1	06/08/2025 00:08	WG2533392
n-Nitrosodiphenylamine	ND		0.756	1	06/08/2025 00:08	WG2533392
n-Nitrosodi-n-propylamine	ND		0.756	1	06/08/2025 00:08	WG2533392
Phenanthrene	ND		0.0756	1	06/08/2025 00:08	WG2533392
Benzylbutyl phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
Di-n-butyl phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
Diethyl phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
Dimethyl phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
Di-n-octyl phthalate	ND		0.756	1	06/08/2025 00:08	WG2533392
1,2,4-Trichlorobenzene	ND		0.756	1	06/08/2025 00:08	WG2533392
4-Chloro-3-methylphenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2-Chlorophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2,4-Dichlorophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2,4-Dimethylphenol	ND	C3	0.756	1	06/08/2025 00:08	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2,4-Dinitrophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2-Nitrophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
4-Nitrophenol	ND	C3	0.756	1	06/08/2025 00:08	WG2533392
Pentachlorophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
Phenol	ND		0.756	1	06/08/2025 00:08	WG2533392
2,4,6-Trichlorophenol	ND		0.756	1	06/08/2025 00:08	WG2533392
(S) 2-Fluorophenol	68.9		12.0-120		06/08/2025 00:08	WG2533392
(S) Phenol-d5	54.3		10.0-120		06/08/2025 00:08	WG2533392
(S) Nitrobenzene-d5	57.3		10.0-122		06/08/2025 00:08	WG2533392
(S) 2-Fluorobiphenyl	58.3		15.0-120		06/08/2025 00:08	WG2533392
(S) 2,4,6-Tribromophenol	82.2		10.0-127		06/08/2025 00:08	WG2533392
(S) p-Terphenyl-d14	73.2		10.0-120		06/08/2025 00:08	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Acenaphthene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Acenaphthylene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Benzo(a)anthracene	ND		0.0136	1	06/08/2025 00:28	WG2533393
Benzo(a)pyrene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Benzo(b)fluoranthene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Benzo(g,h,i)perylene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Benzo(k)fluoranthene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Chrysene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Dibenz(a,h)anthracene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Fluoranthene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Fluorene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Naphthalene	0.103		0.00681	1	06/08/2025 00:28	WG2533393
Phenanthrene	ND		0.0749	1	06/08/2025 00:28	WG2533393
Pyrene	ND		0.0749	1	06/08/2025 00:28	WG2533393
1-Methylnaphthalene	0.0279		0.00681	1	06/08/2025 00:28	WG2533393
2-Methylnaphthalene	0.0911		0.0273	1	06/08/2025 00:28	WG2533393
(S) p-Terphenyl-d14	91.2		23.0-120		06/08/2025 00:28	WG2533393
(S) Nitrobenzene-d5	86.4		14.0-149		06/08/2025 00:28	WG2533393
(S) 2-Fluorobiphenyl	83.9		34.0-125		06/08/2025 00:28	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	06/07/2025 18:20	WG2533281
Acrolein	ND		0.0500	1	06/07/2025 18:20	WG2533281
Acrylonitrile	ND		0.0100	1	06/07/2025 18:20	WG2533281
Benzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Bromobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Bromodichloromethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Bromoform	ND	C3	0.00100	1	06/07/2025 18:20	WG2533281
Bromomethane	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
n-Butylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
sec-Butylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
tert-Butylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Carbon tetrachloride	ND		0.00100	1	06/07/2025 18:20	WG2533281
Chlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Chlorodibromomethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Chloroethane	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
Chloroform	ND		0.00500	1	06/07/2025 18:20	WG2533281
Chloromethane	ND		0.00250	1	06/07/2025 18:20	WG2533281
2-Chlorotoluene	ND		0.00100	1	06/07/2025 18:20	WG2533281
4-Chlorotoluene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
1,2-Dibromoethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Dibromomethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,3-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,4-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Dichlorodifluoromethane	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
1,1-Dichloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2-Dichloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,1-Dichloroethene	ND		0.00100	1	06/07/2025 18:20	WG2533281
cis-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 18:20	WG2533281
trans-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2-Dichloropropane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,1-Dichloropropene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,3-Dichloropropane	ND		0.00100	1	06/07/2025 18:20	WG2533281
cis-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 18:20	WG2533281
trans-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 18:20	WG2533281
2,2-Dichloropropane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Di-isopropyl ether	ND		0.00100	1	06/07/2025 18:20	WG2533281
Ethylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Hexachloro-1,3-butadiene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Isopropylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
p-Isopropyltoluene	ND		0.00100	1	06/07/2025 18:20	WG2533281
2-Butanone (MEK)	ND		0.0100	1	06/07/2025 18:20	WG2533281
Methylene Chloride	ND		0.00500	1	06/07/2025 18:20	WG2533281
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/07/2025 18:20	WG2533281
Methyl tert-butyl ether	ND		0.00100	1	06/07/2025 18:20	WG2533281
Naphthalene	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
n-Propylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Styrene	ND	C3	0.00100	1	06/07/2025 18:20	WG2533281
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Tetrachloroethene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Toluene	ND	C3	0.00100	1	06/07/2025 18:20	WG2533281
1,2,3-Trichlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2,4-Trichlorobenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,1,2-Trichloroethane	ND		0.00100	1	06/07/2025 18:20	WG2533281
Trichloroethene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Trichlorofluoromethane	ND	C3	0.00500	1	06/07/2025 18:20	WG2533281
1,2,3-Trichloropropane	ND		0.00250	1	06/07/2025 18:20	WG2533281
1,2,4-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,2,3-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
1,3,5-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:20	WG2533281
Vinyl chloride	ND	C3 J4	0.00100	1	06/07/2025 18:20	WG2533281
Xylenes, Total	ND		0.00300	1	06/07/2025 18:20	WG2533281
(S) Toluene-d8	101		80.0-120		06/07/2025 18:20	WG2533281
(S) 4-Bromofluorobenzene	93.3		77.0-126		06/07/2025 18:20	WG2533281
(S) 1,2-Dichloroethane-d4	109		70.0-130		06/07/2025 18:20	WG2533281

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.879		1	06/12/2025 03:55	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1410		23.6	1	06/10/2025 14:07	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.8		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.8	1	06/09/2025 21:30	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1410		118	5	06/10/2025 14:07	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J3 J6	0.236	1	06/09/2025 23:10	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.10		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-08 WG2536683: 8.1 at 21.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	345	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-08 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23.6	1	06/08/2025 00:03	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	14100		500	5	06/08/2025 19:01	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.597		0.200	1	06/12/2025 00:22	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4830		23.6	1	06/07/2025 21:45	WG2533369
Antimony	ND		2.36	1	06/07/2025 21:45	WG2533369
Beryllium	0.475		0.236	1	06/07/2025 21:45	WG2533369
Calcium	37400	Q1 V	118	1	06/07/2025 21:45	WG2533369
Chromium	5.26		1.18	1	06/07/2025 21:45	WG2533369
Cobalt	4.24		1.18	1	06/07/2025 21:45	WG2533369
Iron	10100	Q1 V	11.8	1	06/07/2025 21:45	WG2533369
Magnesium	2670		118	1	06/07/2025 21:45	WG2533369
Manganese	382	J6	1.18	1	06/07/2025 21:45	WG2533369
Potassium	1080		118	1	06/07/2025 21:45	WG2533369
Sodium	133		118	1	06/07/2025 21:45	WG2533369
Thallium	ND		2.36	1	06/07/2025 21:45	WG2533369
Vanadium	16.8		2.36	1	06/07/2025 21:45	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.58		0.118	5	06/12/2025 18:33	WG2537279
Barium	163	J6	11.8	5	06/12/2025 18:33	WG2537279
Cadmium	0.230		0.118	5	06/12/2025 18:33	WG2537279
Copper	ND		11.8	5	06/12/2025 18:33	WG2537279
Lead	ND		11.8	5	06/12/2025 18:33	WG2537279
Nickel	ND		11.8	5	06/12/2025 18:33	WG2537279
Selenium	0.316		0.118	5	06/12/2025 18:33	WG2537279
Silver	ND		0.590	5	06/12/2025 18:33	WG2537279
Zinc	ND	Q1	59.0	5	06/12/2025 18:33	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.40	25	06/07/2025 19:43	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 19:43	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0680	1	06/07/2025 16:25	WG2533338
Acrylonitrile	ND		0.0170	1	06/07/2025 16:25	WG2533338
Benzene	0.00149		0.00136	1	06/07/2025 16:25	WG2533338
Bromobenzene	ND		0.0170	1	06/07/2025 16:25	WG2533338
Bromodichloromethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
Bromoform	ND		0.0340	1	06/07/2025 16:25	WG2533338
Bromomethane	ND	C3 J4	0.0170	1	06/07/2025 16:25	WG2533338
n-Butylbenzene	ND		0.0170	1	06/07/2025 16:25	WG2533338
sec-Butylbenzene	ND		0.0170	1	06/07/2025 16:25	WG2533338
tert-Butylbenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
Carbon tetrachloride	ND		0.00680	1	06/07/2025 16:25	WG2533338
Chlorobenzene	ND		0.00340	1	06/07/2025 16:25	WG2533338
Chlorodibromomethane	ND		0.00340	1	06/07/2025 16:25	WG2533338

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND	J3 J5	0.00680	1	06/07/2025 16:25	WG2533338
Chloroform	0.00557	B	0.00340	1	06/07/2025 16:25	WG2533338
Chloromethane	ND	C3	0.0170	1	06/07/2025 16:25	WG2533338
2-Chlorotoluene	ND		0.00340	1	06/07/2025 16:25	WG2533338
4-Chlorotoluene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0340	1	06/07/2025 16:25	WG2533338
1,2-Dibromoethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
Dibromomethane	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,2-Dichlorobenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,3-Dichlorobenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,4-Dichlorobenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
Dichlorodifluoromethane	ND	C3	0.00680	1	06/07/2025 16:25	WG2533338
1,1-Dichloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,2-Dichloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,1-Dichloroethene	ND		0.00340	1	06/07/2025 16:25	WG2533338
cis-1,2-Dichloroethene	ND		0.00340	1	06/07/2025 16:25	WG2533338
trans-1,2-Dichloroethene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,2-Dichloropropane	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,1-Dichloropropene	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,3-Dichloropropane	ND		0.00680	1	06/07/2025 16:25	WG2533338
cis-1,3-Dichloropropene	ND		0.00340	1	06/07/2025 16:25	WG2533338
trans-1,3-Dichloropropene	ND		0.00680	1	06/07/2025 16:25	WG2533338
2,2-Dichloropropane	ND		0.00340	1	06/07/2025 16:25	WG2533338
Di-isopropyl ether	ND		0.00136	1	06/07/2025 16:25	WG2533338
Ethylbenzene	ND		0.0136	1	06/07/2025 16:25	WG2533338
Hexachloro-1,3-butadiene	ND		0.0340	1	06/07/2025 16:25	WG2533338
Isopropylbenzene	ND		0.00340	1	06/07/2025 16:25	WG2533338
p-Isopropyltoluene	ND		0.00680	1	06/07/2025 16:25	WG2533338
2-Butanone (MEK)	ND		0.136	1	06/07/2025 16:25	WG2533338
Methylene Chloride	ND		0.0340	1	06/07/2025 16:25	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0340	1	06/07/2025 16:25	WG2533338
Methyl tert-butyl ether	ND		0.00136	1	06/07/2025 16:25	WG2533338
n-Propylbenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
Styrene	ND		0.0170	1	06/07/2025 16:25	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
Tetrachloroethene	ND		0.00340	1	06/07/2025 16:25	WG2533338
Toluene	ND		0.0136	1	06/07/2025 16:25	WG2533338
1,2,3-Trichlorobenzene	ND		0.0170	1	06/07/2025 16:25	WG2533338
1,2,4-Trichlorobenzene	ND		0.0170	1	06/07/2025 16:25	WG2533338
1,1,1-Trichloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,1,2-Trichloroethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
Trichloroethene	ND		0.00136	1	06/07/2025 16:25	WG2533338
Trichlorofluoromethane	ND		0.00340	1	06/07/2025 16:25	WG2533338
1,2,3-Trichloropropane	ND		0.0170	1	06/07/2025 16:25	WG2533338
1,2,3-Trimethylbenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,2,4-Trimethylbenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
1,3,5-Trimethylbenzene	ND		0.00680	1	06/07/2025 16:25	WG2533338
Vinyl chloride	ND		0.00340	1	06/07/2025 16:25	WG2533338
Xylenes, Total	ND		0.136	1	06/07/2025 16:25	WG2533338
(S) Toluene-d8	97.9		75.0-131		06/07/2025 16:25	WG2533338
(S) 4-Bromofluorobenzene	99.6		67.0-138		06/07/2025 16:25	WG2533338
(S) 1,2-Dichloroethane-d4	98.8		70.0-130		06/07/2025 16:25	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.75		4.72	1	06/08/2025 00:32	WG2533388
C28-C36 Motor Oil Range	23.1		4.72	1	06/08/2025 00:32	WG2533388
(S) o-Terphenyl	58.7		18.0-148		06/08/2025 00:32	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0785	2	06/08/2025 03:18	WG2533392
Benzidine	ND	J4 J6	3.94	2	06/08/2025 03:18	WG2533392
Benzo(g,h,i)perylene	ND		0.0785	2	06/08/2025 03:18	WG2533392
Bis(2-chlorethoxy)methane	ND		0.785	2	06/08/2025 03:18	WG2533392
Bis(2-chloroethyl)ether	ND		0.785	2	06/08/2025 03:18	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.785	2	06/08/2025 03:18	WG2533392
4-Bromophenyl-phenylether	ND		0.785	2	06/08/2025 03:18	WG2533392
2-Chloronaphthalene	ND		0.0785	2	06/08/2025 03:18	WG2533392
4-Chlorophenyl-phenylether	ND		0.785	2	06/08/2025 03:18	WG2533392
1,2-Dichlorobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
1,3-Dichlorobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
1,4-Dichlorobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
3,3-Dichlorobenzidine	ND		0.785	2	06/08/2025 03:18	WG2533392
2,4-Dinitrotoluene	ND		0.785	2	06/08/2025 03:18	WG2533392
2,6-Dinitrotoluene	ND		0.785	2	06/08/2025 03:18	WG2533392
Hexachlorobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
Hexachloro-1,3-butadiene	ND		0.785	2	06/08/2025 03:18	WG2533392
Hexachlorocyclopentadiene	ND	C3 J6	0.785	2	06/08/2025 03:18	WG2533392
Hexachloroethane	ND		0.785	2	06/08/2025 03:18	WG2533392
Isophorone	ND		0.785	2	06/08/2025 03:18	WG2533392
Nitrobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
n-Nitrosodimethylamine	ND	C3	0.785	2	06/08/2025 03:18	WG2533392
n-Nitrosodiphenylamine	ND		0.785	2	06/08/2025 03:18	WG2533392
n-Nitrosodi-n-propylamine	ND		0.785	2	06/08/2025 03:18	WG2533392
Phenanthrene	ND		0.0785	2	06/08/2025 03:18	WG2533392
Benzylbutyl phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
Di-n-butyl phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
Diethyl phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
Dimethyl phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
Di-n-octyl phthalate	ND		0.785	2	06/08/2025 03:18	WG2533392
1,2,4-Trichlorobenzene	ND		0.785	2	06/08/2025 03:18	WG2533392
4-Chloro-3-methylphenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2-Chlorophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2,4-Dichlorophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2,4-Dimethylphenol	ND	C3	0.785	2	06/08/2025 03:18	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2,4-Dinitrophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2-Nitrophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
4-Nitrophenol	ND	C3	0.785	2	06/08/2025 03:18	WG2533392
Pentachlorophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
Phenol	ND		0.785	2	06/08/2025 03:18	WG2533392
2,4,6-Trichlorophenol	ND		0.785	2	06/08/2025 03:18	WG2533392
(S) 2-Fluorophenol	71.1		12.0-120		06/08/2025 03:18	WG2533392
(S) Phenol-d5	60.8		10.0-120		06/08/2025 03:18	WG2533392
(S) Nitrobenzene-d5	61.8		10.0-122		06/08/2025 03:18	WG2533392
(S) 2-Fluorobiphenyl	59.1		15.0-120		06/08/2025 03:18	WG2533392
(S) 2,4,6-Tribromophenol	85.6		10.0-127		06/08/2025 03:18	WG2533392
(S) p-Terphenyl-d14	77.0		10.0-120		06/08/2025 03:18	WG2533392



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
---------	-----------------------	-----------	--------------------	----------	-------------------------	-------

Sample Narrative:

L1867315-08 WG2533392: Dilution due to matrix impact during extraction procedure

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Acenaphthene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Acenaphthylene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Benzo(a)anthracene	ND	J3	0.00708	1	06/08/2025 00:45	WG2533393
Benzo(a)pyrene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Benzo(b)fluoranthene	ND	J3 J6	0.0389	1	06/08/2025 00:45	WG2533393
Benzo(g,h,i)perylene	ND	J3 J6	0.0389	1	06/08/2025 00:45	WG2533393
Benzo(k)fluoranthene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Chrysene	ND		0.0389	1	06/08/2025 00:45	WG2533393
Dibenz(a,h)anthracene	ND		0.0389	1	06/08/2025 00:45	WG2533393
Fluoranthene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Fluorene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Indeno(1,2,3-cd)pyrene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Naphthalene	ND		0.00354	1	06/08/2025 00:45	WG2533393
Phenanthrene	ND	J3	0.0389	1	06/08/2025 00:45	WG2533393
Pyrene	ND	J3 J6	0.0389	1	06/08/2025 00:45	WG2533393
1-Methylnaphthalene	ND	J3	0.00354	1	06/08/2025 00:45	WG2533393
2-Methylnaphthalene	ND	J3	0.0142	1	06/08/2025 00:45	WG2533393
(S) p-Terphenyl-d14	80.0		23.0-120		06/08/2025 00:45	WG2533393
(S) Nitrobenzene-d5	61.7		14.0-149		06/08/2025 00:45	WG2533393
(S) 2-Fluorobiphenyl	67.3		34.0-125		06/08/2025 00:45	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.05		1	06/12/2025 03:57	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1670		25.5	1	06/10/2025 13:56	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	78.5		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.7	1	06/09/2025 21:34	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1670		127	5	06/10/2025 13:56	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.255	1	06/10/2025 00:13	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.81		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-09 WG2536683: 7.81 at 21.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	4860	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-09 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		25.5	1	06/08/2025 00:44	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13900		500	5	06/08/2025 19:06	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.71		0.200	1	06/12/2025 00:25	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	5220		25.5	1	06/07/2025 22:07	WG2533369
Antimony	ND		2.55	1	06/07/2025 22:07	WG2533369
Beryllium	0.497		0.255	1	06/07/2025 22:07	WG2533369
Calcium	12900		127	1	06/07/2025 22:07	WG2533369
Chromium	5.57		1.27	1	06/07/2025 22:07	WG2533369
Cobalt	4.18		1.27	1	06/07/2025 22:07	WG2533369
Iron	7700		12.7	1	06/07/2025 22:07	WG2533369
Magnesium	3440		127	1	06/07/2025 22:07	WG2533369
Manganese	244		1.27	1	06/07/2025 22:07	WG2533369
Potassium	1940		127	1	06/07/2025 22:07	WG2533369
Sodium	625		127	1	06/07/2025 22:07	WG2533369
Thallium	ND		2.55	1	06/07/2025 22:07	WG2533369
Vanadium	13.5		2.55	1	06/07/2025 22:07	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.66		0.127	5	06/12/2025 19:15	WG2537279
Barium	91.5		12.7	5	06/12/2025 19:15	WG2537279
Cadmium	0.202		0.127	5	06/12/2025 19:15	WG2537279
Copper	ND		12.7	5	06/12/2025 19:15	WG2537279
Lead	ND		12.7	5	06/12/2025 19:15	WG2537279
Nickel	ND		12.7	5	06/12/2025 19:15	WG2537279
Selenium	0.589		0.127	5	06/12/2025 19:15	WG2537279
Silver	ND		0.637	5	06/12/2025 19:15	WG2537279
Zinc	ND		63.7	5	06/12/2025 19:15	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.87	25	06/07/2025 20:08	WG2533349
(S) a,a,a-Trifluorotoluene(FID)	104		77.0-120		06/07/2025 20:08	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0774	1	06/07/2025 16:45	WG2533338
Acrylonitrile	ND		0.0193	1	06/07/2025 16:45	WG2533338
Benzene	ND		0.00155	1	06/07/2025 16:45	WG2533338
Bromobenzene	ND		0.0193	1	06/07/2025 16:45	WG2533338
Bromodichloromethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
Bromoform	ND		0.0387	1	06/07/2025 16:45	WG2533338
Bromomethane	ND	C3 J4	0.0193	1	06/07/2025 16:45	WG2533338
n-Butylbenzene	ND		0.0193	1	06/07/2025 16:45	WG2533338
sec-Butylbenzene	ND		0.0193	1	06/07/2025 16:45	WG2533338
tert-Butylbenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
Carbon tetrachloride	ND		0.00774	1	06/07/2025 16:45	WG2533338
Chlorobenzene	ND		0.00387	1	06/07/2025 16:45	WG2533338
Chlorodibromomethane	ND		0.00387	1	06/07/2025 16:45	WG2533338

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00774	1	06/07/2025 16:45	WG2533338
Chloroform	0.00577	B	0.00387	1	06/07/2025 16:45	WG2533338
Chloromethane	ND	C3	0.0193	1	06/07/2025 16:45	WG2533338
2-Chlorotoluene	ND		0.00387	1	06/07/2025 16:45	WG2533338
4-Chlorotoluene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0387	1	06/07/2025 16:45	WG2533338
1,2-Dibromoethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
Dibromomethane	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,2-Dichlorobenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,3-Dichlorobenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,4-Dichlorobenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
Dichlorodifluoromethane	ND	C3	0.00774	1	06/07/2025 16:45	WG2533338
1,1-Dichloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,2-Dichloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,1-Dichloroethene	ND		0.00387	1	06/07/2025 16:45	WG2533338
cis-1,2-Dichloroethene	ND		0.00387	1	06/07/2025 16:45	WG2533338
trans-1,2-Dichloroethene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,2-Dichloropropane	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,1-Dichloropropene	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,3-Dichloropropane	ND		0.00774	1	06/07/2025 16:45	WG2533338
cis-1,3-Dichloropropene	ND		0.00387	1	06/07/2025 16:45	WG2533338
trans-1,3-Dichloropropene	ND		0.00774	1	06/07/2025 16:45	WG2533338
2,2-Dichloropropane	ND		0.00387	1	06/07/2025 16:45	WG2533338
Di-isopropyl ether	ND		0.00155	1	06/07/2025 16:45	WG2533338
Ethylbenzene	ND		0.0155	1	06/07/2025 16:45	WG2533338
Hexachloro-1,3-butadiene	ND		0.0387	1	06/07/2025 16:45	WG2533338
Isopropylbenzene	ND		0.00387	1	06/07/2025 16:45	WG2533338
p-Isopropyltoluene	ND		0.00774	1	06/07/2025 16:45	WG2533338
2-Butanone (MEK)	ND		0.155	1	06/07/2025 16:45	WG2533338
Methylene Chloride	ND		0.0387	1	06/07/2025 16:45	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0387	1	06/07/2025 16:45	WG2533338
Methyl tert-butyl ether	ND		0.00155	1	06/07/2025 16:45	WG2533338
n-Propylbenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
Styrene	ND		0.0193	1	06/07/2025 16:45	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
Tetrachloroethene	ND		0.00387	1	06/07/2025 16:45	WG2533338
Toluene	ND		0.0155	1	06/07/2025 16:45	WG2533338
1,2,3-Trichlorobenzene	ND		0.0193	1	06/07/2025 16:45	WG2533338
1,2,4-Trichlorobenzene	ND		0.0193	1	06/07/2025 16:45	WG2533338
1,1,1-Trichloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,1,2-Trichloroethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
Trichloroethene	ND		0.00155	1	06/07/2025 16:45	WG2533338
Trichlorofluoromethane	ND		0.00387	1	06/07/2025 16:45	WG2533338
1,2,3-Trichloropropane	ND		0.0193	1	06/07/2025 16:45	WG2533338
1,2,3-Trimethylbenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,2,4-Trimethylbenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
1,3,5-Trimethylbenzene	ND		0.00774	1	06/07/2025 16:45	WG2533338
Vinyl chloride	ND		0.00387	1	06/07/2025 16:45	WG2533338
Xylenes, Total	ND		0.155	1	06/07/2025 16:45	WG2533338
(S) Toluene-d8	100		75.0-131		06/07/2025 16:45	WG2533338
(S) 4-Bromofluorobenzene	102		67.0-138		06/07/2025 16:45	WG2533338
(S) 1,2-Dichloroethane-d4	100		70.0-130		06/07/2025 16:45	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		5.10	1	06/08/2025 02:32	WG2533388
C28-C36 Motor Oil Range	26.9		5.10	1	06/08/2025 02:32	WG2533388
(S) o-Terphenyl	46.7		18.0-148		06/08/2025 02:32	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0424	1	06/08/2025 00:29	WG2533392
Benzidine	ND	J4	2.13	1	06/08/2025 00:29	WG2533392
Benzo(g,h,i)perylene	ND		0.0424	1	06/08/2025 00:29	WG2533392
Bis(2-chlorethoxy)methane	ND		0.424	1	06/08/2025 00:29	WG2533392
Bis(2-chloroethyl)ether	ND		0.424	1	06/08/2025 00:29	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.424	1	06/08/2025 00:29	WG2533392
4-Bromophenyl-phenylether	ND		0.424	1	06/08/2025 00:29	WG2533392
2-Chloronaphthalene	ND		0.0424	1	06/08/2025 00:29	WG2533392
4-Chlorophenyl-phenylether	ND		0.424	1	06/08/2025 00:29	WG2533392
1,2-Dichlorobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
1,3-Dichlorobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
1,4-Dichlorobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
3,3-Dichlorobenzidine	ND		0.424	1	06/08/2025 00:29	WG2533392
2,4-Dinitrotoluene	ND		0.424	1	06/08/2025 00:29	WG2533392
2,6-Dinitrotoluene	ND		0.424	1	06/08/2025 00:29	WG2533392
Hexachlorobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
Hexachloro-1,3-butadiene	ND		0.424	1	06/08/2025 00:29	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.424	1	06/08/2025 00:29	WG2533392
Hexachloroethane	ND		0.424	1	06/08/2025 00:29	WG2533392
Isophorone	ND		0.424	1	06/08/2025 00:29	WG2533392
Nitrobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
n-Nitrosodimethylamine	ND	C3	0.424	1	06/08/2025 00:29	WG2533392
n-Nitrosodiphenylamine	ND		0.424	1	06/08/2025 00:29	WG2533392
n-Nitrosodi-n-propylamine	ND		0.424	1	06/08/2025 00:29	WG2533392
Phenanthrene	ND		0.0424	1	06/08/2025 00:29	WG2533392
Benzylbutyl phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
Di-n-butyl phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
Diethyl phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
Dimethyl phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
Di-n-octyl phthalate	ND		0.424	1	06/08/2025 00:29	WG2533392
1,2,4-Trichlorobenzene	ND		0.424	1	06/08/2025 00:29	WG2533392
4-Chloro-3-methylphenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2-Chlorophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2,4-Dichlorophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2,4-Dimethylphenol	ND	C3	0.424	1	06/08/2025 00:29	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2,4-Dinitrophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2-Nitrophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
4-Nitrophenol	ND	C3	0.424	1	06/08/2025 00:29	WG2533392
Pentachlorophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
Phenol	ND		0.424	1	06/08/2025 00:29	WG2533392
2,4,6-Trichlorophenol	ND		0.424	1	06/08/2025 00:29	WG2533392
(S) 2-Fluorophenol	71.8		12.0-120		06/08/2025 00:29	WG2533392
(S) Phenol-d5	63.0		10.0-120		06/08/2025 00:29	WG2533392
(S) Nitrobenzene-d5	61.0		10.0-122		06/08/2025 00:29	WG2533392
(S) 2-Fluorobiphenyl	67.2		15.0-120		06/08/2025 00:29	WG2533392
(S) 2,4,6-Tribromophenol	79.3		10.0-127		06/08/2025 00:29	WG2533392
(S) p-Terphenyl-d14	65.6		10.0-120		06/08/2025 00:29	WG2533392



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Acenaphthene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Acenaphthylene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Benzo(a)anthracene	ND		0.00764	1	06/08/2025 01:38	WG2533393
Benzo(a)pyrene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Benzo(b)fluoranthene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Benzo(g,h,i)perylene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Benzo(k)fluoranthene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Chrysene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Dibenz(a,h)anthracene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Fluoranthene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Fluorene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Naphthalene	ND		0.00382	1	06/08/2025 01:38	WG2533393
Phenanthrene	ND		0.0420	1	06/08/2025 01:38	WG2533393
Pyrene	ND		0.0420	1	06/08/2025 01:38	WG2533393
1-Methylnaphthalene	ND		0.00382	1	06/08/2025 01:38	WG2533393
2-Methylnaphthalene	ND		0.0153	1	06/08/2025 01:38	WG2533393
(S) p-Terphenyl-d14	79.8		23.0-120		06/08/2025 01:38	WG2533393
(S) Nitrobenzene-d5	65.7		14.0-149		06/08/2025 01:38	WG2533393
(S) 2-Fluorobiphenyl	76.7		34.0-125		06/08/2025 01:38	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.28		1	06/12/2025 03:59	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3760		29.1	1	06/10/2025 13:58	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	68.8		1	06/07/2025 15:27	WG2533300

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		14.5	1	06/09/2025 21:36	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	3740		145	5	06/10/2025 13:58	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.291	1	06/10/2025 00:22	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.14		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-10 WG2536683: 8.14 at 21.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1610	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-10 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		29.1	1	06/08/2025 00:57	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	41800		1400	14	06/08/2025 19:06	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	3.15		0.200	1	06/12/2025 00:28	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	6320		29.1	1	06/07/2025 22:09	WG2533369
Antimony	ND		2.91	1	06/07/2025 22:09	WG2533369
Beryllium	0.698		0.291	1	06/07/2025 22:09	WG2533369
Calcium	21300		145	1	06/07/2025 22:09	WG2533369
Chromium	7.16		1.45	1	06/07/2025 22:09	WG2533369
Cobalt	6.01		1.45	1	06/07/2025 22:09	WG2533369
Iron	9400		14.5	1	06/07/2025 22:09	WG2533369
Magnesium	5350		145	1	06/07/2025 22:09	WG2533369
Manganese	377		1.45	1	06/07/2025 22:09	WG2533369
Potassium	3060		145	1	06/07/2025 22:09	WG2533369
Sodium	701		145	1	06/07/2025 22:09	WG2533369
Thallium	ND		2.91	1	06/07/2025 22:09	WG2533369
Vanadium	16.1		2.91	1	06/07/2025 22:09	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.22		0.145	5	06/12/2025 19:18	WG2537279
Barium	123		14.5	5	06/12/2025 19:18	WG2537279
Cadmium	0.361		0.145	5	06/12/2025 19:18	WG2537279
Copper	ND		14.5	5	06/12/2025 19:18	WG2537279
Lead	ND		14.5	5	06/12/2025 19:18	WG2537279
Nickel	ND		14.5	5	06/12/2025 19:18	WG2537279
Selenium	0.490		0.145	5	06/12/2025 19:18	WG2537279
Silver	ND		0.727	5	06/12/2025 19:18	WG2537279
Zinc	ND		72.7	5	06/12/2025 19:18	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		4.77	25	06/07/2025 20:31	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 20:31	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0954	1	06/07/2025 17:06	WG2533338
Acrylonitrile	ND		0.0238	1	06/07/2025 17:06	WG2533338
Benzene	ND		0.00191	1	06/07/2025 17:06	WG2533338
Bromobenzene	ND		0.0238	1	06/07/2025 17:06	WG2533338
Bromodichloromethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
Bromoform	ND		0.0477	1	06/07/2025 17:06	WG2533338
Bromomethane	ND	C3 J4	0.0238	1	06/07/2025 17:06	WG2533338
n-Butylbenzene	ND		0.0238	1	06/07/2025 17:06	WG2533338
sec-Butylbenzene	ND		0.0238	1	06/07/2025 17:06	WG2533338
tert-Butylbenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
Carbon tetrachloride	ND		0.00954	1	06/07/2025 17:06	WG2533338
Chlorobenzene	ND		0.00477	1	06/07/2025 17:06	WG2533338
Chlorodibromomethane	ND		0.00477	1	06/07/2025 17:06	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00954	1	06/07/2025 17:06	WG2533338
Chloroform	0.00797	B	0.00477	1	06/07/2025 17:06	WG2533338
Chloromethane	ND	C3	0.0238	1	06/07/2025 17:06	WG2533338
2-Chlorotoluene	ND		0.00477	1	06/07/2025 17:06	WG2533338
4-Chlorotoluene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0477	1	06/07/2025 17:06	WG2533338
1,2-Dibromoethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
Dibromomethane	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,2-Dichlorobenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,3-Dichlorobenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,4-Dichlorobenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
Dichlorodifluoromethane	ND	C3	0.00954	1	06/07/2025 17:06	WG2533338
1,1-Dichloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,2-Dichloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,1-Dichloroethene	ND		0.00477	1	06/07/2025 17:06	WG2533338
cis-1,2-Dichloroethene	ND		0.00477	1	06/07/2025 17:06	WG2533338
trans-1,2-Dichloroethene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,2-Dichloropropane	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,1-Dichloropropene	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,3-Dichloropropane	ND		0.00954	1	06/07/2025 17:06	WG2533338
cis-1,3-Dichloropropene	ND		0.00477	1	06/07/2025 17:06	WG2533338
trans-1,3-Dichloropropene	ND		0.00954	1	06/07/2025 17:06	WG2533338
2,2-Dichloropropane	ND		0.00477	1	06/07/2025 17:06	WG2533338
Di-isopropyl ether	ND		0.00191	1	06/07/2025 17:06	WG2533338
Ethylbenzene	ND		0.0191	1	06/07/2025 17:06	WG2533338
Hexachloro-1,3-butadiene	ND		0.0477	1	06/07/2025 17:06	WG2533338
Isopropylbenzene	ND		0.00477	1	06/07/2025 17:06	WG2533338
p-Isopropyltoluene	ND		0.00954	1	06/07/2025 17:06	WG2533338
2-Butanone (MEK)	ND		0.191	1	06/07/2025 17:06	WG2533338
Methylene Chloride	ND		0.0477	1	06/07/2025 17:06	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0477	1	06/07/2025 17:06	WG2533338
Methyl tert-butyl ether	ND		0.00191	1	06/07/2025 17:06	WG2533338
n-Propylbenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
Styrene	ND		0.0238	1	06/07/2025 17:06	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
Tetrachloroethene	ND		0.00477	1	06/07/2025 17:06	WG2533338
Toluene	ND		0.0191	1	06/07/2025 17:06	WG2533338
1,2,3-Trichlorobenzene	ND		0.0238	1	06/07/2025 17:06	WG2533338
1,2,4-Trichlorobenzene	ND		0.0238	1	06/07/2025 17:06	WG2533338
1,1,1-Trichloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,1,2-Trichloroethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
Trichloroethene	ND		0.00191	1	06/07/2025 17:06	WG2533338
Trichlorofluoromethane	ND		0.00477	1	06/07/2025 17:06	WG2533338
1,2,3-Trichloropropane	ND		0.0238	1	06/07/2025 17:06	WG2533338
1,2,3-Trimethylbenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,2,4-Trimethylbenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
1,3,5-Trimethylbenzene	ND		0.00954	1	06/07/2025 17:06	WG2533338
Vinyl chloride	ND		0.00477	1	06/07/2025 17:06	WG2533338
Xylenes, Total	ND		0.191	1	06/07/2025 17:06	WG2533338
(S) Toluene-d8	99.2		75.0-131		06/07/2025 17:06	WG2533338
(S) 4-Bromofluorobenzene	102		67.0-138		06/07/2025 17:06	WG2533338
(S) 1,2-Dichloroethane-d4	99.7		70.0-130		06/07/2025 17:06	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	20.6		5.81	1	06/08/2025 05:38	WG2533388
C28-C36 Motor Oil Range	147		5.81	1	06/08/2025 05:38	WG2533388
(S) o-Terphenyl	52.8		18.0-148		06/08/2025 05:38	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0968	2	06/08/2025 04:21	WG2533392
Benzidine	ND	J4	4.85	2	06/08/2025 04:21	WG2533392
Benzo(g,h,i)perylene	ND		0.0968	2	06/08/2025 04:21	WG2533392
Bis(2-chlorethoxy)methane	ND		0.968	2	06/08/2025 04:21	WG2533392
Bis(2-chloroethyl)ether	ND		0.968	2	06/08/2025 04:21	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.968	2	06/08/2025 04:21	WG2533392
4-Bromophenyl-phenylether	ND		0.968	2	06/08/2025 04:21	WG2533392
2-Chloronaphthalene	ND		0.0968	2	06/08/2025 04:21	WG2533392
4-Chlorophenyl-phenylether	ND		0.968	2	06/08/2025 04:21	WG2533392
1,2-Dichlorobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
1,3-Dichlorobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
1,4-Dichlorobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
3,3-Dichlorobenzidine	ND		0.968	2	06/08/2025 04:21	WG2533392
2,4-Dinitrotoluene	ND		0.968	2	06/08/2025 04:21	WG2533392
2,6-Dinitrotoluene	ND		0.968	2	06/08/2025 04:21	WG2533392
Hexachlorobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
Hexachloro-1,3-butadiene	ND		0.968	2	06/08/2025 04:21	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.968	2	06/08/2025 04:21	WG2533392
Hexachloroethane	ND		0.968	2	06/08/2025 04:21	WG2533392
Isophorone	ND		0.968	2	06/08/2025 04:21	WG2533392
Nitrobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
n-Nitrosodimethylamine	ND	C3	0.968	2	06/08/2025 04:21	WG2533392
n-Nitrosodiphenylamine	ND		0.968	2	06/08/2025 04:21	WG2533392
n-Nitrosodi-n-propylamine	ND		0.968	2	06/08/2025 04:21	WG2533392
Phenanthrene	ND		0.0968	2	06/08/2025 04:21	WG2533392
Benzylbutyl phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
Di-n-butyl phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
Diethyl phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
Dimethyl phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
Di-n-octyl phthalate	ND		0.968	2	06/08/2025 04:21	WG2533392
1,2,4-Trichlorobenzene	ND		0.968	2	06/08/2025 04:21	WG2533392
4-Chloro-3-methylphenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2-Chlorophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2,4-Dichlorophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2,4-Dimethylphenol	ND	C3	0.968	2	06/08/2025 04:21	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2,4-Dinitrophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2-Nitrophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
4-Nitrophenol	ND	C3	0.968	2	06/08/2025 04:21	WG2533392
Pentachlorophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
Phenol	ND		0.968	2	06/08/2025 04:21	WG2533392
2,4,6-Trichlorophenol	ND		0.968	2	06/08/2025 04:21	WG2533392
(S) 2-Fluorophenol	68.1		12.0-120		06/08/2025 04:21	WG2533392
(S) Phenol-d5	56.8		10.0-120		06/08/2025 04:21	WG2533392
(S) Nitrobenzene-d5	61.8		10.0-122		06/08/2025 04:21	WG2533392
(S) 2-Fluorobiphenyl	64.9		15.0-120		06/08/2025 04:21	WG2533392
(S) 2,4,6-Tribromophenol	83.4		10.0-127		06/08/2025 04:21	WG2533392
(S) p-Terphenyl-d14	64.3		10.0-120		06/08/2025 04:21	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
---------	-----------------------	-----------	--------------------	----------	-------------------------	-------

Sample Narrative:
L1867315-10 WG2533392: Dilution due to matrix impact during extraction procedure

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Acenaphthene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Acenaphthylene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Benzo(a)anthracene	ND		0.00872	1	06/08/2025 04:32	WG2533393
Benzo(a)pyrene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Benzo(b)fluoranthene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Benzo(g,h,i)perylene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Benzo(k)fluoranthene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Chrysene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Dibenz(a,h)anthracene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Fluoranthene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Fluorene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Naphthalene	ND		0.00436	1	06/08/2025 04:32	WG2533393
Phenanthrene	ND		0.0480	1	06/08/2025 04:32	WG2533393
Pyrene	ND		0.0480	1	06/08/2025 04:32	WG2533393
1-Methylnaphthalene	ND		0.00436	1	06/08/2025 04:32	WG2533393
2-Methylnaphthalene	ND		0.0174	1	06/08/2025 04:32	WG2533393
(S) p-Terphenyl-d14	80.0		23.0-120		06/08/2025 04:32	WG2533393
(S) Nitrobenzene-d5	74.9		14.0-149		06/08/2025 04:32	WG2533393
(S) 2-Fluorobiphenyl	74.8		34.0-125		06/08/2025 04:32	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	06/07/2025 18:42	WG2533281
Acrolein	ND		0.0500	1	06/07/2025 18:42	WG2533281
Acrylonitrile	ND		0.0100	1	06/07/2025 18:42	WG2533281
Benzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Bromobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Bromodichloromethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Bromoform	ND	C3	0.00100	1	06/07/2025 18:42	WG2533281
Bromomethane	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
n-Butylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
sec-Butylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
tert-Butylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Carbon tetrachloride	ND		0.00100	1	06/07/2025 18:42	WG2533281
Chlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Chlorodibromomethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Chloroethane	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
Chloroform	ND		0.00500	1	06/07/2025 18:42	WG2533281
Chloromethane	ND		0.00250	1	06/07/2025 18:42	WG2533281
2-Chlorotoluene	ND		0.00100	1	06/07/2025 18:42	WG2533281
4-Chlorotoluene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
1,2-Dibromoethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Dibromomethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,3-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,4-Dichlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Dichlorodifluoromethane	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
1,1-Dichloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2-Dichloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,1-Dichloroethene	ND		0.00100	1	06/07/2025 18:42	WG2533281
cis-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 18:42	WG2533281
trans-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2-Dichloropropane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,1-Dichloropropene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,3-Dichloropropane	ND		0.00100	1	06/07/2025 18:42	WG2533281
cis-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 18:42	WG2533281
trans-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 18:42	WG2533281
2,2-Dichloropropane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Di-isopropyl ether	ND		0.00100	1	06/07/2025 18:42	WG2533281
Ethylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Hexachloro-1,3-butadiene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Isopropylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
p-Isopropyltoluene	ND		0.00100	1	06/07/2025 18:42	WG2533281
2-Butanone (MEK)	ND		0.0100	1	06/07/2025 18:42	WG2533281
Methylene Chloride	ND		0.00500	1	06/07/2025 18:42	WG2533281
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/07/2025 18:42	WG2533281
Methyl tert-butyl ether	ND		0.00100	1	06/07/2025 18:42	WG2533281
Naphthalene	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
n-Propylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Styrene	ND	C3	0.00100	1	06/07/2025 18:42	WG2533281
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Tetrachloroethene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Toluene	ND	C3	0.00100	1	06/07/2025 18:42	WG2533281
1,2,3-Trichlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2,4-Trichlorobenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,1,2-Trichloroethane	ND		0.00100	1	06/07/2025 18:42	WG2533281
Trichloroethene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Trichlorofluoromethane	ND	C3	0.00500	1	06/07/2025 18:42	WG2533281
1,2,3-Trichloropropane	ND		0.00250	1	06/07/2025 18:42	WG2533281
1,2,4-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,2,3-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
1,3,5-Trimethylbenzene	ND		0.00100	1	06/07/2025 18:42	WG2533281
Vinyl chloride	ND	C3 J4	0.00100	1	06/07/2025 18:42	WG2533281
Xylenes, Total	ND		0.00300	1	06/07/2025 18:42	WG2533281
(S) Toluene-d8	100		80.0-120		06/07/2025 18:42	WG2533281
(S) 4-Bromofluorobenzene	96.7		77.0-126		06/07/2025 18:42	WG2533281
(S) 1,2-Dichloroethane-d4	110		70.0-130		06/07/2025 18:42	WG2533281

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.707		1	06/12/2025 04:00	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1460		24.3	1	06/10/2025 14:00	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.4		1	06/07/2025 15:27	WG2533300

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.1	1	06/09/2025 21:42	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1450		121	5	06/10/2025 14:00	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.243	1	06/10/2025 00:31	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.53		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-12 WG2536683: 7.53 at 21.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	329	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-12 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24.3	1	06/08/2025 01:11	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	14200		500	5	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.746		0.200	1	06/12/2025 00:31	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2950		24.3	1	06/07/2025 22:11	WG2533369
Antimony	ND		2.43	1	06/07/2025 22:11	WG2533369
Beryllium	0.300		0.243	1	06/07/2025 22:11	WG2533369
Calcium	2960		121	1	06/07/2025 22:11	WG2533369
Chromium	3.72		1.21	1	06/07/2025 22:11	WG2533369
Cobalt	2.51		1.21	1	06/07/2025 22:11	WG2533369
Iron	4880		12.1	1	06/07/2025 22:11	WG2533369
Magnesium	1460		121	1	06/07/2025 22:11	WG2533369
Manganese	166		1.21	1	06/07/2025 22:11	WG2533369
Potassium	1020		121	1	06/07/2025 22:11	WG2533369
Sodium	142		121	1	06/07/2025 22:11	WG2533369
Thallium	ND		2.43	1	06/07/2025 22:11	WG2533369
Vanadium	8.82		2.43	1	06/07/2025 22:11	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.86		0.121	5	06/12/2025 19:21	WG2537279
Barium	45.4		12.1	5	06/12/2025 19:21	WG2537279
Cadmium	0.132		0.121	5	06/12/2025 19:21	WG2537279
Copper	ND		12.1	5	06/12/2025 19:21	WG2537279
Lead	ND		12.1	5	06/12/2025 19:21	WG2537279
Nickel	ND		12.1	5	06/12/2025 19:21	WG2537279
Selenium	0.193		0.121	5	06/12/2025 19:21	WG2537279
Silver	ND		0.606	5	06/12/2025 19:21	WG2537279
Zinc	ND		60.6	5	06/12/2025 19:21	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.57	25	06/07/2025 20:56	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	105		77.0-120		06/07/2025 20:56	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0713	1	06/07/2025 17:26	WG2533338
Acrylonitrile	ND		0.0178	1	06/07/2025 17:26	WG2533338
Benzene	ND		0.00143	1	06/07/2025 17:26	WG2533338
Bromobenzene	ND		0.0178	1	06/07/2025 17:26	WG2533338
Bromodichloromethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
Bromoform	ND		0.0357	1	06/07/2025 17:26	WG2533338
Bromomethane	ND	C3 J4	0.0178	1	06/07/2025 17:26	WG2533338
n-Butylbenzene	ND		0.0178	1	06/07/2025 17:26	WG2533338
sec-Butylbenzene	ND		0.0178	1	06/07/2025 17:26	WG2533338
tert-Butylbenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
Carbon tetrachloride	ND		0.00713	1	06/07/2025 17:26	WG2533338
Chlorobenzene	ND		0.00357	1	06/07/2025 17:26	WG2533338
Chlorodibromomethane	ND		0.00357	1	06/07/2025 17:26	WG2533338

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00713	1	06/07/2025 17:26	WG2533338
Chloroform	0.00575	B	0.00357	1	06/07/2025 17:26	WG2533338
Chloromethane	ND	C3	0.0178	1	06/07/2025 17:26	WG2533338
2-Chlorotoluene	ND		0.00357	1	06/07/2025 17:26	WG2533338
4-Chlorotoluene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0357	1	06/07/2025 17:26	WG2533338
1,2-Dibromoethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
Dibromomethane	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,2-Dichlorobenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,3-Dichlorobenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,4-Dichlorobenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
Dichlorodifluoromethane	ND	C3	0.00713	1	06/07/2025 17:26	WG2533338
1,1-Dichloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,2-Dichloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,1-Dichloroethene	ND		0.00357	1	06/07/2025 17:26	WG2533338
cis-1,2-Dichloroethene	ND		0.00357	1	06/07/2025 17:26	WG2533338
trans-1,2-Dichloroethene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,2-Dichloropropane	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,1-Dichloropropene	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,3-Dichloropropane	ND		0.00713	1	06/07/2025 17:26	WG2533338
cis-1,3-Dichloropropene	ND		0.00357	1	06/07/2025 17:26	WG2533338
trans-1,3-Dichloropropene	ND		0.00713	1	06/07/2025 17:26	WG2533338
2,2-Dichloropropane	ND		0.00357	1	06/07/2025 17:26	WG2533338
Di-isopropyl ether	ND		0.00143	1	06/07/2025 17:26	WG2533338
Ethylbenzene	ND		0.0143	1	06/07/2025 17:26	WG2533338
Hexachloro-1,3-butadiene	ND		0.0357	1	06/07/2025 17:26	WG2533338
Isopropylbenzene	ND		0.00357	1	06/07/2025 17:26	WG2533338
p-Isopropyltoluene	ND		0.00713	1	06/07/2025 17:26	WG2533338
2-Butanone (MEK)	ND		0.143	1	06/07/2025 17:26	WG2533338
Methylene Chloride	ND		0.0357	1	06/07/2025 17:26	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0357	1	06/07/2025 17:26	WG2533338
Methyl tert-butyl ether	ND		0.00143	1	06/07/2025 17:26	WG2533338
n-Propylbenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
Styrene	ND		0.0178	1	06/07/2025 17:26	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
Tetrachloroethene	ND		0.00357	1	06/07/2025 17:26	WG2533338
Toluene	ND		0.0143	1	06/07/2025 17:26	WG2533338
1,2,3-Trichlorobenzene	ND		0.0178	1	06/07/2025 17:26	WG2533338
1,2,4-Trichlorobenzene	ND		0.0178	1	06/07/2025 17:26	WG2533338
1,1,1-Trichloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,1,2-Trichloroethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
Trichloroethene	ND		0.00143	1	06/07/2025 17:26	WG2533338
Trichlorofluoromethane	ND		0.00357	1	06/07/2025 17:26	WG2533338
1,2,3-Trichloropropane	ND		0.0178	1	06/07/2025 17:26	WG2533338
1,2,3-Trimethylbenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,2,4-Trimethylbenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
1,3,5-Trimethylbenzene	ND		0.00713	1	06/07/2025 17:26	WG2533338
Vinyl chloride	ND		0.00357	1	06/07/2025 17:26	WG2533338
Xylenes, Total	ND		0.143	1	06/07/2025 17:26	WG2533338
(S) Toluene-d8	97.7		75.0-131		06/07/2025 17:26	WG2533338
(S) 4-Bromofluorobenzene	98.6		67.0-138		06/07/2025 17:26	WG2533338
(S) 1,2-Dichloroethane-d4	99.0		70.0-130		06/07/2025 17:26	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.62		4.85	1	06/08/2025 01:38	WG2533388
C28-C36 Motor Oil Range	34.8		4.85	1	06/08/2025 01:38	WG2533388
(S) o-Terphenyl	64.7		18.0-148		06/08/2025 01:38	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0404	1	06/08/2025 00:51	WG2533392
Benzidine	ND	J4	2.03	1	06/08/2025 00:51	WG2533392
Benzo(g,h,i)perylene	ND		0.0404	1	06/08/2025 00:51	WG2533392
Bis(2-chlorethoxy)methane	ND		0.404	1	06/08/2025 00:51	WG2533392
Bis(2-chloroethyl)ether	ND		0.404	1	06/08/2025 00:51	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.404	1	06/08/2025 00:51	WG2533392
4-Bromophenyl-phenylether	ND		0.404	1	06/08/2025 00:51	WG2533392
2-Chloronaphthalene	ND		0.0404	1	06/08/2025 00:51	WG2533392
4-Chlorophenyl-phenylether	ND		0.404	1	06/08/2025 00:51	WG2533392
1,2-Dichlorobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
1,3-Dichlorobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
1,4-Dichlorobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
3,3-Dichlorobenzidine	ND		0.404	1	06/08/2025 00:51	WG2533392
2,4-Dinitrotoluene	ND		0.404	1	06/08/2025 00:51	WG2533392
2,6-Dinitrotoluene	ND		0.404	1	06/08/2025 00:51	WG2533392
Hexachlorobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
Hexachloro-1,3-butadiene	ND		0.404	1	06/08/2025 00:51	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.404	1	06/08/2025 00:51	WG2533392
Hexachloroethane	ND		0.404	1	06/08/2025 00:51	WG2533392
Isophorone	ND		0.404	1	06/08/2025 00:51	WG2533392
Nitrobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
n-Nitrosodimethylamine	ND	C3	0.404	1	06/08/2025 00:51	WG2533392
n-Nitrosodiphenylamine	ND		0.404	1	06/08/2025 00:51	WG2533392
n-Nitrosodi-n-propylamine	ND		0.404	1	06/08/2025 00:51	WG2533392
Phenanthrene	ND		0.0404	1	06/08/2025 00:51	WG2533392
Benzylbutyl phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
Di-n-butyl phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
Diethyl phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
Dimethyl phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
Di-n-octyl phthalate	ND		0.404	1	06/08/2025 00:51	WG2533392
1,2,4-Trichlorobenzene	ND		0.404	1	06/08/2025 00:51	WG2533392
4-Chloro-3-methylphenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2-Chlorophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2,4-Dichlorophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2,4-Dimethylphenol	ND	C3	0.404	1	06/08/2025 00:51	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2,4-Dinitrophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2-Nitrophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
4-Nitrophenol	ND	C3	0.404	1	06/08/2025 00:51	WG2533392
Pentachlorophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
Phenol	ND		0.404	1	06/08/2025 00:51	WG2533392
2,4,6-Trichlorophenol	ND		0.404	1	06/08/2025 00:51	WG2533392
(S) 2-Fluorophenol	73.9		12.0-120		06/08/2025 00:51	WG2533392
(S) Phenol-d5	60.6		10.0-120		06/08/2025 00:51	WG2533392
(S) Nitrobenzene-d5	59.6		10.0-122		06/08/2025 00:51	WG2533392
(S) 2-Fluorobiphenyl	65.5		15.0-120		06/08/2025 00:51	WG2533392
(S) 2,4,6-Tribromophenol	88.2		10.0-127		06/08/2025 00:51	WG2533392
(S) p-Terphenyl-d14	65.5		10.0-120		06/08/2025 00:51	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Acenaphthene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Acenaphthylene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Benzo(a)anthracene	ND		0.00728	1	06/08/2025 01:55	WG2533393
Benzo(a)pyrene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Benzo(b)fluoranthene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Benzo(g,h,i)perylene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Benzo(k)fluoranthene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Chrysene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Dibenz(a,h)anthracene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Fluoranthene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Fluorene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Naphthalene	ND		0.00364	1	06/08/2025 01:55	WG2533393
Phenanthrene	ND		0.0400	1	06/08/2025 01:55	WG2533393
Pyrene	ND		0.0400	1	06/08/2025 01:55	WG2533393
1-Methylnaphthalene	ND		0.00364	1	06/08/2025 01:55	WG2533393
2-Methylnaphthalene	ND		0.0146	1	06/08/2025 01:55	WG2533393
(S) p-Terphenyl-d14	86.8		23.0-120		06/08/2025 01:55	WG2533393
(S) Nitrobenzene-d5	68.5		14.0-149		06/08/2025 01:55	WG2533393
(S) 2-Fluorobiphenyl	81.0		34.0-125		06/08/2025 01:55	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.639		1	06/12/2025 04:02	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1490		23.9	1	06/10/2025 14:02	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.7		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.0	1	06/09/2025 21:43	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1490		120	5	06/10/2025 14:02	WG2533907

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.239	1	06/10/2025 00:49	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.04		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-13 WG2536683: 8.04 at 21.1C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	302	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-13 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23.9	1	06/08/2025 01:24	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	12400		400	4	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.695		0.200	1	06/12/2025 00:34	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4390		23.9	1	06/07/2025 22:13	WG2533369
Antimony	ND		2.39	1	06/07/2025 22:13	WG2533369
Beryllium	0.427		0.239	1	06/07/2025 22:13	WG2533369
Calcium	13800		120	1	06/07/2025 22:13	WG2533369
Chromium	5.31		1.20	1	06/07/2025 22:13	WG2533369
Cobalt	3.39		1.20	1	06/07/2025 22:13	WG2533369
Iron	6450		12.0	1	06/07/2025 22:13	WG2533369
Magnesium	2630		120	1	06/07/2025 22:13	WG2533369
Manganese	185		1.20	1	06/07/2025 22:13	WG2533369
Potassium	1150		120	1	06/07/2025 22:13	WG2533369
Sodium	ND		120	1	06/07/2025 22:13	WG2533369
Thallium	ND		2.39	1	06/07/2025 22:13	WG2533369
Vanadium	14.1		2.39	1	06/07/2025 22:13	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.22		0.120	5	06/12/2025 19:24	WG2537279
Barium	82.4		12.0	5	06/12/2025 19:24	WG2537279
Cadmium	0.210		0.120	5	06/12/2025 19:24	WG2537279
Copper	ND		12.0	5	06/12/2025 19:24	WG2537279
Lead	ND		12.0	5	06/12/2025 19:24	WG2537279
Nickel	ND		12.0	5	06/12/2025 19:24	WG2537279
Selenium	0.276		0.120	5	06/12/2025 19:24	WG2537279
Silver	ND		0.598	5	06/12/2025 19:24	WG2537279
Zinc	ND		59.8	5	06/12/2025 19:24	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.48	25	06/07/2025 21:19	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	106		77.0-120		06/07/2025 21:19	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0695	1	06/07/2025 17:46	WG2533338
Acrylonitrile	ND		0.0174	1	06/07/2025 17:46	WG2533338
Benzene	ND		0.00139	1	06/07/2025 17:46	WG2533338
Bromobenzene	ND		0.0174	1	06/07/2025 17:46	WG2533338
Bromodichloromethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
Bromoform	ND		0.0348	1	06/07/2025 17:46	WG2533338
Bromomethane	ND	C3 J4	0.0174	1	06/07/2025 17:46	WG2533338
n-Butylbenzene	ND		0.0174	1	06/07/2025 17:46	WG2533338
sec-Butylbenzene	ND		0.0174	1	06/07/2025 17:46	WG2533338
tert-Butylbenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
Carbon tetrachloride	ND		0.00695	1	06/07/2025 17:46	WG2533338
Chlorobenzene	ND		0.00348	1	06/07/2025 17:46	WG2533338
Chlorodibromomethane	ND		0.00348	1	06/07/2025 17:46	WG2533338

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00695	1	06/07/2025 17:46	WG2533338
Chloroform	0.00581	B	0.00348	1	06/07/2025 17:46	WG2533338
Chloromethane	ND	C3	0.0174	1	06/07/2025 17:46	WG2533338
2-Chlorotoluene	ND		0.00348	1	06/07/2025 17:46	WG2533338
4-Chlorotoluene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0348	1	06/07/2025 17:46	WG2533338
1,2-Dibromoethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
Dibromomethane	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,2-Dichlorobenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,3-Dichlorobenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,4-Dichlorobenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
Dichlorodifluoromethane	ND	C3	0.00695	1	06/07/2025 17:46	WG2533338
1,1-Dichloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,2-Dichloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,1-Dichloroethene	ND		0.00348	1	06/07/2025 17:46	WG2533338
cis-1,2-Dichloroethene	ND		0.00348	1	06/07/2025 17:46	WG2533338
trans-1,2-Dichloroethene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,2-Dichloropropane	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,1-Dichloropropene	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,3-Dichloropropane	ND		0.00695	1	06/07/2025 17:46	WG2533338
cis-1,3-Dichloropropene	ND		0.00348	1	06/07/2025 17:46	WG2533338
trans-1,3-Dichloropropene	ND		0.00695	1	06/07/2025 17:46	WG2533338
2,2-Dichloropropane	ND		0.00348	1	06/07/2025 17:46	WG2533338
Di-isopropyl ether	ND		0.00139	1	06/07/2025 17:46	WG2533338
Ethylbenzene	ND		0.0139	1	06/07/2025 17:46	WG2533338
Hexachloro-1,3-butadiene	ND		0.0348	1	06/07/2025 17:46	WG2533338
Isopropylbenzene	ND		0.00348	1	06/07/2025 17:46	WG2533338
p-Isopropyltoluene	ND		0.00695	1	06/07/2025 17:46	WG2533338
2-Butanone (MEK)	ND		0.139	1	06/07/2025 17:46	WG2533338
Methylene Chloride	ND		0.0348	1	06/07/2025 17:46	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0348	1	06/07/2025 17:46	WG2533338
Methyl tert-butyl ether	ND		0.00139	1	06/07/2025 17:46	WG2533338
n-Propylbenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
Styrene	ND		0.0174	1	06/07/2025 17:46	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
Tetrachloroethene	ND		0.00348	1	06/07/2025 17:46	WG2533338
Toluene	ND		0.0139	1	06/07/2025 17:46	WG2533338
1,2,3-Trichlorobenzene	ND		0.0174	1	06/07/2025 17:46	WG2533338
1,2,4-Trichlorobenzene	ND		0.0174	1	06/07/2025 17:46	WG2533338
1,1,1-Trichloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,1,2-Trichloroethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
Trichloroethene	ND		0.00139	1	06/07/2025 17:46	WG2533338
Trichlorofluoromethane	ND		0.00348	1	06/07/2025 17:46	WG2533338
1,2,3-Trichloropropane	ND		0.0174	1	06/07/2025 17:46	WG2533338
1,2,3-Trimethylbenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,2,4-Trimethylbenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
1,3,5-Trimethylbenzene	ND		0.00695	1	06/07/2025 17:46	WG2533338
Vinyl chloride	ND		0.00348	1	06/07/2025 17:46	WG2533338
Xylenes, Total	ND		0.139	1	06/07/2025 17:46	WG2533338
(S) Toluene-d8	99.1		75.0-131		06/07/2025 17:46	WG2533338
(S) 4-Bromofluorobenzene	101		67.0-138		06/07/2025 17:46	WG2533338
(S) 1,2-Dichloroethane-d4	97.8		70.0-130		06/07/2025 17:46	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.11		4.78	1	06/08/2025 01:52	WG2533388
C28-C36 Motor Oil Range	32.3		4.78	1	06/08/2025 01:52	WG2533388
(S) o-Terphenyl	53.5		18.0-148		06/08/2025 01:52	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0398	1	06/08/2025 01:12	WG2533392
Benzidine	ND	J4	2.00	1	06/08/2025 01:12	WG2533392
Benzo(g,h,i)perylene	ND		0.0398	1	06/08/2025 01:12	WG2533392
Bis(2-chlorethoxy)methane	ND		0.398	1	06/08/2025 01:12	WG2533392
Bis(2-chloroethyl)ether	ND		0.398	1	06/08/2025 01:12	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.398	1	06/08/2025 01:12	WG2533392
4-Bromophenyl-phenylether	ND		0.398	1	06/08/2025 01:12	WG2533392
2-Chloronaphthalene	ND		0.0398	1	06/08/2025 01:12	WG2533392
4-Chlorophenyl-phenylether	ND		0.398	1	06/08/2025 01:12	WG2533392
1,2-Dichlorobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
1,3-Dichlorobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
1,4-Dichlorobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
3,3-Dichlorobenzidine	ND		0.398	1	06/08/2025 01:12	WG2533392
2,4-Dinitrotoluene	ND		0.398	1	06/08/2025 01:12	WG2533392
2,6-Dinitrotoluene	ND		0.398	1	06/08/2025 01:12	WG2533392
Hexachlorobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
Hexachloro-1,3-butadiene	ND		0.398	1	06/08/2025 01:12	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.398	1	06/08/2025 01:12	WG2533392
Hexachloroethane	ND		0.398	1	06/08/2025 01:12	WG2533392
Isophorone	ND		0.398	1	06/08/2025 01:12	WG2533392
Nitrobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
n-Nitrosodimethylamine	ND	C3	0.398	1	06/08/2025 01:12	WG2533392
n-Nitrosodiphenylamine	ND		0.398	1	06/08/2025 01:12	WG2533392
n-Nitrosodi-n-propylamine	ND		0.398	1	06/08/2025 01:12	WG2533392
Phenanthrene	ND		0.0398	1	06/08/2025 01:12	WG2533392
Benzylbutyl phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
Di-n-butyl phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
Diethyl phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
Dimethyl phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
Di-n-octyl phthalate	ND		0.398	1	06/08/2025 01:12	WG2533392
1,2,4-Trichlorobenzene	ND		0.398	1	06/08/2025 01:12	WG2533392
4-Chloro-3-methylphenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2-Chlorophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2,4-Dichlorophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2,4-Dimethylphenol	ND	C3	0.398	1	06/08/2025 01:12	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2,4-Dinitrophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2-Nitrophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
4-Nitrophenol	ND	C3	0.398	1	06/08/2025 01:12	WG2533392
Pentachlorophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
Phenol	ND		0.398	1	06/08/2025 01:12	WG2533392
2,4,6-Trichlorophenol	ND		0.398	1	06/08/2025 01:12	WG2533392
(S) 2-Fluorophenol	74.5		12.0-120		06/08/2025 01:12	WG2533392
(S) Phenol-d5	60.1		10.0-120		06/08/2025 01:12	WG2533392
(S) Nitrobenzene-d5	58.2		10.0-122		06/08/2025 01:12	WG2533392
(S) 2-Fluorobiphenyl	57.9		15.0-120		06/08/2025 01:12	WG2533392
(S) 2,4,6-Tribromophenol	75.9		10.0-127		06/08/2025 01:12	WG2533392
(S) p-Terphenyl-d14	69.5		10.0-120		06/08/2025 01:12	WG2533392



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Acenaphthene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Acenaphthylene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Benzo(a)anthracene	ND		0.00717	1	06/08/2025 02:12	WG2533393
Benzo(a)pyrene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Benzo(b)fluoranthene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Benzo(g,h,i)perylene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Benzo(k)fluoranthene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Chrysene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Dibenz(a,h)anthracene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Fluoranthene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Fluorene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Naphthalene	ND		0.00359	1	06/08/2025 02:12	WG2533393
Phenanthrene	ND		0.0394	1	06/08/2025 02:12	WG2533393
Pyrene	ND		0.0394	1	06/08/2025 02:12	WG2533393
1-Methylnaphthalene	ND		0.00359	1	06/08/2025 02:12	WG2533393
2-Methylnaphthalene	ND		0.0143	1	06/08/2025 02:12	WG2533393
(S) p-Terphenyl-d14	90.5		23.0-120		06/08/2025 02:12	WG2533393
(S) Nitrobenzene-d5	69.2		14.0-149		06/08/2025 02:12	WG2533393
(S) 2-Fluorobiphenyl	81.2		34.0-125		06/08/2025 02:12	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.06		1	06/12/2025 04:04	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1260		23.9	1	06/10/2025 12:01	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.5		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.0	1	06/09/2025 21:46	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1260		120	5	06/10/2025 12:01	WG2533911

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.239	1	06/10/2025 00:58	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.09		1	06/12/2025 08:20	WG2536683

Sample Narrative:
L1867315-14 WG2536683: 8.09 at 21.1C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2280	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:
L1867315-14 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		23.9	1	06/08/2025 02:05	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	9510		500	5	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	2.91		0.200	1	06/12/2025 00:36	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2990		23.9	1	06/07/2025 22:15	WG2533369
Antimony	ND		2.39	1	06/07/2025 22:15	WG2533369
Beryllium	0.289		0.239	1	06/07/2025 22:15	WG2533369
Calcium	11400		120	1	06/07/2025 22:15	WG2533369
Chromium	3.69		1.20	1	06/07/2025 22:15	WG2533369
Cobalt	2.34		1.20	1	06/07/2025 22:15	WG2533369
Iron	5130		12.0	1	06/07/2025 22:15	WG2533369
Magnesium	2820		120	1	06/07/2025 22:15	WG2533369
Manganese	127		1.20	1	06/07/2025 22:15	WG2533369
Potassium	1240		120	1	06/07/2025 22:15	WG2533369
Sodium	637		120	1	06/07/2025 22:15	WG2533369
Thallium	ND		2.39	1	06/07/2025 22:15	WG2533369
Vanadium	9.43		2.39	1	06/07/2025 22:15	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.09		0.120	5	06/12/2025 19:28	WG2537279
Barium	58.1		12.0	5	06/12/2025 19:28	WG2537279
Cadmium	ND		0.120	5	06/12/2025 19:28	WG2537279
Copper	ND		12.0	5	06/12/2025 19:28	WG2537279
Lead	ND		12.0	5	06/12/2025 19:28	WG2537279
Nickel	ND		12.0	5	06/12/2025 19:28	WG2537279
Selenium	0.234		0.120	5	06/12/2025 19:28	WG2537279
Silver	ND		0.599	5	06/12/2025 19:28	WG2537279
Zinc	ND		59.9	5	06/12/2025 19:28	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.49	25	06/07/2025 21:44	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 21:44	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0698	1	06/07/2025 18:06	WG2533338
Acrylonitrile	ND		0.0174	1	06/07/2025 18:06	WG2533338
Benzene	ND		0.00140	1	06/07/2025 18:06	WG2533338
Bromobenzene	ND		0.0174	1	06/07/2025 18:06	WG2533338
Bromodichloromethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
Bromoform	ND		0.0349	1	06/07/2025 18:06	WG2533338
Bromomethane	ND	C3 J4	0.0174	1	06/07/2025 18:06	WG2533338
n-Butylbenzene	ND		0.0174	1	06/07/2025 18:06	WG2533338
sec-Butylbenzene	ND		0.0174	1	06/07/2025 18:06	WG2533338
tert-Butylbenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
Carbon tetrachloride	ND		0.00698	1	06/07/2025 18:06	WG2533338
Chlorobenzene	ND		0.00349	1	06/07/2025 18:06	WG2533338
Chlorodibromomethane	ND		0.00349	1	06/07/2025 18:06	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00698	1	06/07/2025 18:06	WG2533338
Chloroform	0.00520	B	0.00349	1	06/07/2025 18:06	WG2533338
Chloromethane	ND	C3	0.0174	1	06/07/2025 18:06	WG2533338
2-Chlorotoluene	ND		0.00349	1	06/07/2025 18:06	WG2533338
4-Chlorotoluene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0349	1	06/07/2025 18:06	WG2533338
1,2-Dibromoethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
Dibromomethane	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,2-Dichlorobenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,3-Dichlorobenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,4-Dichlorobenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
Dichlorodifluoromethane	ND	C3	0.00698	1	06/07/2025 18:06	WG2533338
1,1-Dichloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,2-Dichloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,1-Dichloroethene	ND		0.00349	1	06/07/2025 18:06	WG2533338
cis-1,2-Dichloroethene	ND		0.00349	1	06/07/2025 18:06	WG2533338
trans-1,2-Dichloroethene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,2-Dichloropropane	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,1-Dichloropropene	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,3-Dichloropropane	ND		0.00698	1	06/07/2025 18:06	WG2533338
cis-1,3-Dichloropropene	ND		0.00349	1	06/07/2025 18:06	WG2533338
trans-1,3-Dichloropropene	ND		0.00698	1	06/07/2025 18:06	WG2533338
2,2-Dichloropropane	ND		0.00349	1	06/07/2025 18:06	WG2533338
Di-isopropyl ether	ND		0.00140	1	06/07/2025 18:06	WG2533338
Ethylbenzene	ND		0.0140	1	06/07/2025 18:06	WG2533338
Hexachloro-1,3-butadiene	ND		0.0349	1	06/07/2025 18:06	WG2533338
Isopropylbenzene	ND		0.00349	1	06/07/2025 18:06	WG2533338
p-Isopropyltoluene	ND		0.00698	1	06/07/2025 18:06	WG2533338
2-Butanone (MEK)	ND		0.140	1	06/07/2025 18:06	WG2533338
Methylene Chloride	ND		0.0349	1	06/07/2025 18:06	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0349	1	06/07/2025 18:06	WG2533338
Methyl tert-butyl ether	ND		0.00140	1	06/07/2025 18:06	WG2533338
n-Propylbenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
Styrene	ND		0.0174	1	06/07/2025 18:06	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
Tetrachloroethene	ND		0.00349	1	06/07/2025 18:06	WG2533338
Toluene	ND		0.0140	1	06/07/2025 18:06	WG2533338
1,2,3-Trichlorobenzene	ND		0.0174	1	06/07/2025 18:06	WG2533338
1,2,4-Trichlorobenzene	ND		0.0174	1	06/07/2025 18:06	WG2533338
1,1,1-Trichloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,1,2-Trichloroethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
Trichloroethene	ND		0.00140	1	06/07/2025 18:06	WG2533338
Trichlorofluoromethane	ND		0.00349	1	06/07/2025 18:06	WG2533338
1,2,3-Trichloropropane	ND		0.0174	1	06/07/2025 18:06	WG2533338
1,2,3-Trimethylbenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,2,4-Trimethylbenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
1,3,5-Trimethylbenzene	ND		0.00698	1	06/07/2025 18:06	WG2533338
Vinyl chloride	ND		0.00349	1	06/07/2025 18:06	WG2533338
Xylenes, Total	ND		0.140	1	06/07/2025 18:06	WG2533338
(S) Toluene-d8	100		75.0-131		06/07/2025 18:06	WG2533338
(S) 4-Bromofluorobenzene	102		67.0-138		06/07/2025 18:06	WG2533338
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		06/07/2025 18:06	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.79	1	06/08/2025 03:25	WG2533388
C28-C36 Motor Oil Range	29.7		4.79	1	06/08/2025 03:25	WG2533388
(S) o-Terphenyl	57.1		18.0-148		06/08/2025 03:25	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0399	1	06/08/2025 01:33	WG2533392
Benzidine	ND	J4	2.00	1	06/08/2025 01:33	WG2533392
Benzo(g,h,i)perylene	ND		0.0399	1	06/08/2025 01:33	WG2533392
Bis(2-chlorethoxy)methane	ND		0.399	1	06/08/2025 01:33	WG2533392
Bis(2-chloroethyl)ether	ND		0.399	1	06/08/2025 01:33	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.399	1	06/08/2025 01:33	WG2533392
4-Bromophenyl-phenylether	ND		0.399	1	06/08/2025 01:33	WG2533392
2-Chloronaphthalene	ND		0.0399	1	06/08/2025 01:33	WG2533392
4-Chlorophenyl-phenylether	ND		0.399	1	06/08/2025 01:33	WG2533392
1,2-Dichlorobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
1,3-Dichlorobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
1,4-Dichlorobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
3,3-Dichlorobenzidine	ND		0.399	1	06/08/2025 01:33	WG2533392
2,4-Dinitrotoluene	ND		0.399	1	06/08/2025 01:33	WG2533392
2,6-Dinitrotoluene	ND		0.399	1	06/08/2025 01:33	WG2533392
Hexachlorobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
Hexachloro-1,3-butadiene	ND		0.399	1	06/08/2025 01:33	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.399	1	06/08/2025 01:33	WG2533392
Hexachloroethane	ND		0.399	1	06/08/2025 01:33	WG2533392
Isophorone	ND		0.399	1	06/08/2025 01:33	WG2533392
Nitrobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
n-Nitrosodimethylamine	ND	C3	0.399	1	06/08/2025 01:33	WG2533392
n-Nitrosodiphenylamine	ND		0.399	1	06/08/2025 01:33	WG2533392
n-Nitrosodi-n-propylamine	ND		0.399	1	06/08/2025 01:33	WG2533392
Phenanthrene	ND		0.0399	1	06/08/2025 01:33	WG2533392
Benzylbutyl phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
Di-n-butyl phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
Diethyl phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
Dimethyl phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
Di-n-octyl phthalate	ND		0.399	1	06/08/2025 01:33	WG2533392
1,2,4-Trichlorobenzene	ND		0.399	1	06/08/2025 01:33	WG2533392
4-Chloro-3-methylphenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2-Chlorophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2,4-Dichlorophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2,4-Dimethylphenol	ND	C3	0.399	1	06/08/2025 01:33	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2,4-Dinitrophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2-Nitrophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
4-Nitrophenol	ND	C3	0.399	1	06/08/2025 01:33	WG2533392
Pentachlorophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
Phenol	ND		0.399	1	06/08/2025 01:33	WG2533392
2,4,6-Trichlorophenol	ND		0.399	1	06/08/2025 01:33	WG2533392
(S) 2-Fluorophenol	71.1		12.0-120		06/08/2025 01:33	WG2533392
(S) Phenol-d5	59.2		10.0-120		06/08/2025 01:33	WG2533392
(S) Nitrobenzene-d5	58.5		10.0-122		06/08/2025 01:33	WG2533392
(S) 2-Fluorobiphenyl	56.3		15.0-120		06/08/2025 01:33	WG2533392
(S) 2,4,6-Tribromophenol	79.1		10.0-127		06/08/2025 01:33	WG2533392
(S) p-Terphenyl-d14	68.0		10.0-120		06/08/2025 01:33	WG2533392



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Acenaphthene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Acenaphthylene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Benzo(a)anthracene	ND		0.00718	1	06/08/2025 02:47	WG2533393
Benzo(a)pyrene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Benzo(b)fluoranthene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Benzo(g,h,i)perylene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Benzo(k)fluoranthene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Chrysene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Dibenz(a,h)anthracene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Fluoranthene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Fluorene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Naphthalene	ND		0.00359	1	06/08/2025 02:47	WG2533393
Phenanthrene	ND		0.0395	1	06/08/2025 02:47	WG2533393
Pyrene	ND		0.0395	1	06/08/2025 02:47	WG2533393
1-Methylnaphthalene	ND		0.00359	1	06/08/2025 02:47	WG2533393
2-Methylnaphthalene	ND		0.0144	1	06/08/2025 02:47	WG2533393
(S) p-Terphenyl-d14	92.6		23.0-120		06/08/2025 02:47	WG2533393
(S) Nitrobenzene-d5	69.4		14.0-149		06/08/2025 02:47	WG2533393
(S) 2-Fluorobiphenyl	87.1		34.0-125		06/08/2025 02:47	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.964		1	06/12/2025 04:05	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2270		24.7	1	06/10/2025 12:04	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.0		1	06/07/2025 15:13	WG2533296

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	27.9		12.3	1	06/09/2025 21:48	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2260		123	5	06/10/2025 12:04	WG2533911

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.247	1	06/10/2025 01:07	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.80		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-15 WG2536683: 7.8 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	381	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-15 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24.7	1	06/08/2025 02:18	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	28500		500	5	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.11		0.200	1	06/12/2025 00:39	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	5640		24.7	1	06/07/2025 22:17	WG2533369
Antimony	ND		2.47	1	06/07/2025 22:17	WG2533369
Beryllium	0.491		0.247	1	06/07/2025 22:17	WG2533369
Calcium	4430		123	1	06/07/2025 22:17	WG2533369
Chromium	6.72		1.23	1	06/07/2025 22:17	WG2533369
Cobalt	4.21		1.23	1	06/07/2025 22:17	WG2533369
Iron	8270		12.3	1	06/07/2025 22:17	WG2533369
Magnesium	2680		123	1	06/07/2025 22:17	WG2533369
Manganese	250		1.23	1	06/07/2025 22:17	WG2533369
Potassium	1640		123	1	06/07/2025 22:17	WG2533369
Sodium	144		123	1	06/07/2025 22:17	WG2533369
Thallium	ND		2.47	1	06/07/2025 22:17	WG2533369
Vanadium	14.5		2.47	1	06/07/2025 22:17	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.38		0.123	5	06/12/2025 19:31	WG2537279
Barium	88.3		12.3	5	06/12/2025 19:31	WG2537279
Cadmium	0.268		0.123	5	06/12/2025 19:31	WG2537279
Copper	15.5		12.3	5	06/12/2025 19:31	WG2537279
Lead	ND		12.3	5	06/12/2025 19:31	WG2537279
Nickel	ND		12.3	5	06/12/2025 19:31	WG2537279
Selenium	0.306		0.123	5	06/12/2025 19:31	WG2537279
Silver	ND		0.617	5	06/12/2025 19:31	WG2537279
Zinc	ND		61.7	5	06/12/2025 19:31	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.67	25	06/07/2025 22:07	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	104		77.0-120		06/07/2025 22:07	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0735	1	06/07/2025 18:26	WG2533338
Acrylonitrile	ND		0.0184	1	06/07/2025 18:26	WG2533338
Benzene	ND		0.00147	1	06/07/2025 18:26	WG2533338
Bromobenzene	ND		0.0184	1	06/07/2025 18:26	WG2533338
Bromodichloromethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
Bromoform	ND		0.0367	1	06/07/2025 18:26	WG2533338
Bromomethane	ND	C3 J4	0.0184	1	06/07/2025 18:26	WG2533338
n-Butylbenzene	ND		0.0184	1	06/07/2025 18:26	WG2533338
sec-Butylbenzene	ND		0.0184	1	06/07/2025 18:26	WG2533338
tert-Butylbenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
Carbon tetrachloride	ND		0.00735	1	06/07/2025 18:26	WG2533338
Chlorobenzene	ND		0.00367	1	06/07/2025 18:26	WG2533338
Chlorodibromomethane	ND		0.00367	1	06/07/2025 18:26	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00735	1	06/07/2025 18:26	WG2533338
Chloroform	0.00583	B	0.00367	1	06/07/2025 18:26	WG2533338
Chloromethane	ND	C3	0.0184	1	06/07/2025 18:26	WG2533338
2-Chlorotoluene	ND		0.00367	1	06/07/2025 18:26	WG2533338
4-Chlorotoluene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0367	1	06/07/2025 18:26	WG2533338
1,2-Dibromoethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
Dibromomethane	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,2-Dichlorobenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,3-Dichlorobenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,4-Dichlorobenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
Dichlorodifluoromethane	ND	C3	0.00735	1	06/07/2025 18:26	WG2533338
1,1-Dichloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,2-Dichloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,1-Dichloroethene	ND		0.00367	1	06/07/2025 18:26	WG2533338
cis-1,2-Dichloroethene	ND		0.00367	1	06/07/2025 18:26	WG2533338
trans-1,2-Dichloroethene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,2-Dichloropropane	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,1-Dichloropropene	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,3-Dichloropropane	ND		0.00735	1	06/07/2025 18:26	WG2533338
cis-1,3-Dichloropropene	ND		0.00367	1	06/07/2025 18:26	WG2533338
trans-1,3-Dichloropropene	ND		0.00735	1	06/07/2025 18:26	WG2533338
2,2-Dichloropropane	ND		0.00367	1	06/07/2025 18:26	WG2533338
Di-isopropyl ether	ND		0.00147	1	06/07/2025 18:26	WG2533338
Ethylbenzene	ND		0.0147	1	06/07/2025 18:26	WG2533338
Hexachloro-1,3-butadiene	ND		0.0367	1	06/07/2025 18:26	WG2533338
Isopropylbenzene	ND		0.00367	1	06/07/2025 18:26	WG2533338
p-Isopropyltoluene	ND		0.00735	1	06/07/2025 18:26	WG2533338
2-Butanone (MEK)	ND		0.147	1	06/07/2025 18:26	WG2533338
Methylene Chloride	ND		0.0367	1	06/07/2025 18:26	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0367	1	06/07/2025 18:26	WG2533338
Methyl tert-butyl ether	ND		0.00147	1	06/07/2025 18:26	WG2533338
n-Propylbenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
Styrene	ND		0.0184	1	06/07/2025 18:26	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
Tetrachloroethene	ND		0.00367	1	06/07/2025 18:26	WG2533338
Toluene	ND		0.0147	1	06/07/2025 18:26	WG2533338
1,2,3-Trichlorobenzene	ND		0.0184	1	06/07/2025 18:26	WG2533338
1,2,4-Trichlorobenzene	ND		0.0184	1	06/07/2025 18:26	WG2533338
1,1,1-Trichloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,1,2-Trichloroethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
Trichloroethene	ND		0.00147	1	06/07/2025 18:26	WG2533338
Trichlorofluoromethane	ND		0.00367	1	06/07/2025 18:26	WG2533338
1,2,3-Trichloropropane	ND		0.0184	1	06/07/2025 18:26	WG2533338
1,2,3-Trimethylbenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,2,4-Trimethylbenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
1,3,5-Trimethylbenzene	ND		0.00735	1	06/07/2025 18:26	WG2533338
Vinyl chloride	ND		0.00367	1	06/07/2025 18:26	WG2533338
Xylenes, Total	ND		0.147	1	06/07/2025 18:26	WG2533338
(S) Toluene-d8	98.4		75.0-131		06/07/2025 18:26	WG2533338
(S) 4-Bromofluorobenzene	99.9		67.0-138		06/07/2025 18:26	WG2533338
(S) 1,2-Dichloroethane-d4	99.4		70.0-130		06/07/2025 18:26	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	6.57		4.94	1	06/08/2025 03:38	WG2533388
C28-C36 Motor Oil Range	49.1		4.94	1	06/08/2025 03:38	WG2533388
(S) o-Terphenyl	59.5		18.0-148		06/08/2025 03:38	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0411	1	06/08/2025 01:54	WG2533392
Benzidine	ND	J4	2.06	1	06/08/2025 01:54	WG2533392
Benzo(g,h,i)perylene	ND		0.0411	1	06/08/2025 01:54	WG2533392
Bis(2-chlorethoxy)methane	ND		0.411	1	06/08/2025 01:54	WG2533392
Bis(2-chloroethyl)ether	ND		0.411	1	06/08/2025 01:54	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.411	1	06/08/2025 01:54	WG2533392
4-Bromophenyl-phenylether	ND		0.411	1	06/08/2025 01:54	WG2533392
2-Chloronaphthalene	ND		0.0411	1	06/08/2025 01:54	WG2533392
4-Chlorophenyl-phenylether	ND		0.411	1	06/08/2025 01:54	WG2533392
1,2-Dichlorobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
1,3-Dichlorobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
1,4-Dichlorobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
3,3-Dichlorobenzidine	ND		0.411	1	06/08/2025 01:54	WG2533392
2,4-Dinitrotoluene	ND		0.411	1	06/08/2025 01:54	WG2533392
2,6-Dinitrotoluene	ND		0.411	1	06/08/2025 01:54	WG2533392
Hexachlorobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
Hexachloro-1,3-butadiene	ND		0.411	1	06/08/2025 01:54	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.411	1	06/08/2025 01:54	WG2533392
Hexachloroethane	ND		0.411	1	06/08/2025 01:54	WG2533392
Isophorone	ND		0.411	1	06/08/2025 01:54	WG2533392
Nitrobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
n-Nitrosodimethylamine	ND	C3	0.411	1	06/08/2025 01:54	WG2533392
n-Nitrosodiphenylamine	ND		0.411	1	06/08/2025 01:54	WG2533392
n-Nitrosodi-n-propylamine	ND		0.411	1	06/08/2025 01:54	WG2533392
Phenanthrene	ND		0.0411	1	06/08/2025 01:54	WG2533392
Benzylbutyl phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
Di-n-butyl phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
Diethyl phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
Dimethyl phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
Di-n-octyl phthalate	ND		0.411	1	06/08/2025 01:54	WG2533392
1,2,4-Trichlorobenzene	ND		0.411	1	06/08/2025 01:54	WG2533392
4-Chloro-3-methylphenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2-Chlorophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2,4-Dichlorophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2,4-Dimethylphenol	ND	C3	0.411	1	06/08/2025 01:54	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2,4-Dinitrophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2-Nitrophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
4-Nitrophenol	ND	C3	0.411	1	06/08/2025 01:54	WG2533392
Pentachlorophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
Phenol	ND		0.411	1	06/08/2025 01:54	WG2533392
2,4,6-Trichlorophenol	ND		0.411	1	06/08/2025 01:54	WG2533392
(S) 2-Fluorophenol	70.4		12.0-120		06/08/2025 01:54	WG2533392
(S) Phenol-d5	59.9		10.0-120		06/08/2025 01:54	WG2533392
(S) Nitrobenzene-d5	63.2		10.0-122		06/08/2025 01:54	WG2533392
(S) 2-Fluorobiphenyl	59.4		15.0-120		06/08/2025 01:54	WG2533392
(S) 2,4,6-Tribromophenol	78.9		10.0-127		06/08/2025 01:54	WG2533392
(S) p-Terphenyl-d14	69.0		10.0-120		06/08/2025 01:54	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Acenaphthene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Acenaphthylene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Benzo(a)anthracene	ND		0.00741	1	06/08/2025 03:05	WG2533393
Benzo(a)pyrene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Benzo(b)fluoranthene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Benzo(g,h,i)perylene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Benzo(k)fluoranthene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Chrysene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Dibenz(a,h)anthracene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Fluoranthene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Fluorene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Naphthalene	ND		0.00370	1	06/08/2025 03:05	WG2533393
Phenanthrene	ND		0.0407	1	06/08/2025 03:05	WG2533393
Pyrene	ND		0.0407	1	06/08/2025 03:05	WG2533393
1-Methylnaphthalene	ND		0.00370	1	06/08/2025 03:05	WG2533393
2-Methylnaphthalene	ND		0.0148	1	06/08/2025 03:05	WG2533393
(S) p-Terphenyl-d14	95.9		23.0-120		06/08/2025 03:05	WG2533393
(S) Nitrobenzene-d5	76.5		14.0-149		06/08/2025 03:05	WG2533393
(S) 2-Fluorobiphenyl	93.4		34.0-125		06/08/2025 03:05	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	06/07/2025 19:04	WG2533281
Acrolein	ND		0.0500	1	06/07/2025 19:04	WG2533281
Acrylonitrile	ND		0.0100	1	06/07/2025 19:04	WG2533281
Benzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Bromobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Bromodichloromethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Bromoform	ND	C3	0.00100	1	06/07/2025 19:04	WG2533281
Bromomethane	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
n-Butylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
sec-Butylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
tert-Butylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Carbon tetrachloride	ND		0.00100	1	06/07/2025 19:04	WG2533281
Chlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Chlorodibromomethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Chloroethane	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
Chloroform	ND		0.00500	1	06/07/2025 19:04	WG2533281
Chloromethane	ND		0.00250	1	06/07/2025 19:04	WG2533281
2-Chlorotoluene	ND		0.00100	1	06/07/2025 19:04	WG2533281
4-Chlorotoluene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
1,2-Dibromoethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Dibromomethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,3-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,4-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Dichlorodifluoromethane	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
1,1-Dichloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2-Dichloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,1-Dichloroethene	ND		0.00100	1	06/07/2025 19:04	WG2533281
cis-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 19:04	WG2533281
trans-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2-Dichloropropane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,1-Dichloropropene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,3-Dichloropropane	ND		0.00100	1	06/07/2025 19:04	WG2533281
cis-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 19:04	WG2533281
trans-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 19:04	WG2533281
2,2-Dichloropropane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Di-isopropyl ether	ND		0.00100	1	06/07/2025 19:04	WG2533281
Ethylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Hexachloro-1,3-butadiene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Isopropylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
p-Isopropyltoluene	ND		0.00100	1	06/07/2025 19:04	WG2533281
2-Butanone (MEK)	ND		0.0100	1	06/07/2025 19:04	WG2533281
Methylene Chloride	ND		0.00500	1	06/07/2025 19:04	WG2533281
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/07/2025 19:04	WG2533281
Methyl tert-butyl ether	ND		0.00100	1	06/07/2025 19:04	WG2533281
Naphthalene	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
n-Propylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Styrene	ND	C3	0.00100	1	06/07/2025 19:04	WG2533281
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Tetrachloroethene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Toluene	ND	C3	0.00100	1	06/07/2025 19:04	WG2533281
1,2,3-Trichlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2,4-Trichlorobenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,1,2-Trichloroethane	ND		0.00100	1	06/07/2025 19:04	WG2533281
Trichloroethene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Trichlorofluoromethane	ND	C3	0.00500	1	06/07/2025 19:04	WG2533281
1,2,3-Trichloropropane	ND		0.00250	1	06/07/2025 19:04	WG2533281
1,2,4-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,2,3-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
1,3,5-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:04	WG2533281
Vinyl chloride	ND	C3 J4	0.00100	1	06/07/2025 19:04	WG2533281
Xylenes, Total	ND		0.00300	1	06/07/2025 19:04	WG2533281
(S) Toluene-d8	99.7		80.0-120		06/07/2025 19:04	WG2533281
(S) 4-Bromofluorobenzene	94.3		77.0-126		06/07/2025 19:04	WG2533281
(S) 1,2-Dichloroethane-d4	113		70.0-130		06/07/2025 19:04	WG2533281

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.82		1	06/12/2025 04:07	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2380		24.9	1	06/10/2025 12:06	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.2		1	06/07/2025 15:27	WG2533300

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.5	1	06/09/2025 21:49	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2370		125	5	06/10/2025 12:06	WG2533911

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.249	1	06/10/2025 01:16	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.08		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-17 WG2536683: 8.08 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	3780	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-17 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24.9	1	06/08/2025 02:32	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13800		500	5	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.46		0.200	1	06/12/2025 00:47	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4190		24.9	1	06/07/2025 22:18	WG2533369
Antimony	ND		2.49	1	06/07/2025 22:18	WG2533369
Beryllium	0.417		0.249	1	06/07/2025 22:18	WG2533369
Calcium	4680		125	1	06/07/2025 22:18	WG2533369
Chromium	4.96		1.25	1	06/07/2025 22:18	WG2533369
Cobalt	3.46		1.25	1	06/07/2025 22:18	WG2533369
Iron	5960		12.5	1	06/07/2025 22:18	WG2533369
Magnesium	3300		125	1	06/07/2025 22:18	WG2533369
Manganese	190		1.25	1	06/07/2025 22:18	WG2533369
Potassium	1100		125	1	06/07/2025 22:18	WG2533369
Sodium	832		125	1	06/07/2025 22:18	WG2533369
Thallium	ND		2.49	1	06/07/2025 22:18	WG2533369
Vanadium	12.0		2.49	1	06/07/2025 22:18	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.47		0.125	5	06/12/2025 19:34	WG2537279
Barium	70.2		12.5	5	06/12/2025 19:34	WG2537279
Cadmium	0.134		0.125	5	06/12/2025 19:34	WG2537279
Copper	ND		12.5	5	06/12/2025 19:34	WG2537279
Lead	ND		12.5	5	06/12/2025 19:34	WG2537279
Nickel	ND		12.5	5	06/12/2025 19:34	WG2537279
Selenium	0.284		0.125	5	06/12/2025 19:34	WG2537279
Silver	ND		0.624	5	06/12/2025 19:34	WG2537279
Zinc	ND		62.4	5	06/12/2025 19:34	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.74	25	06/07/2025 22:32	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	105		77.0-120		06/07/2025 22:32	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0748	1	06/07/2025 18:46	WG2533338
Acrylonitrile	ND		0.0187	1	06/07/2025 18:46	WG2533338
Benzene	ND		0.00150	1	06/07/2025 18:46	WG2533338
Bromobenzene	ND		0.0187	1	06/07/2025 18:46	WG2533338
Bromodichloromethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
Bromoform	ND		0.0374	1	06/07/2025 18:46	WG2533338
Bromomethane	ND	C3 J4	0.0187	1	06/07/2025 18:46	WG2533338
n-Butylbenzene	ND		0.0187	1	06/07/2025 18:46	WG2533338
sec-Butylbenzene	ND		0.0187	1	06/07/2025 18:46	WG2533338
tert-Butylbenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
Carbon tetrachloride	ND		0.00748	1	06/07/2025 18:46	WG2533338
Chlorobenzene	ND		0.00374	1	06/07/2025 18:46	WG2533338
Chlorodibromomethane	ND		0.00374	1	06/07/2025 18:46	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00748	1	06/07/2025 18:46	WG2533338
Chloroform	0.00605	B	0.00374	1	06/07/2025 18:46	WG2533338
Chloromethane	ND	C3	0.0187	1	06/07/2025 18:46	WG2533338
2-Chlorotoluene	ND		0.00374	1	06/07/2025 18:46	WG2533338
4-Chlorotoluene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0374	1	06/07/2025 18:46	WG2533338
1,2-Dibromoethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
Dibromomethane	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,2-Dichlorobenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,3-Dichlorobenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,4-Dichlorobenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
Dichlorodifluoromethane	ND	C3	0.00748	1	06/07/2025 18:46	WG2533338
1,1-Dichloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,2-Dichloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,1-Dichloroethene	ND		0.00374	1	06/07/2025 18:46	WG2533338
cis-1,2-Dichloroethene	ND		0.00374	1	06/07/2025 18:46	WG2533338
trans-1,2-Dichloroethene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,2-Dichloropropane	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,1-Dichloropropene	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,3-Dichloropropane	ND		0.00748	1	06/07/2025 18:46	WG2533338
cis-1,3-Dichloropropene	ND		0.00374	1	06/07/2025 18:46	WG2533338
trans-1,3-Dichloropropene	ND		0.00748	1	06/07/2025 18:46	WG2533338
2,2-Dichloropropane	ND		0.00374	1	06/07/2025 18:46	WG2533338
Di-isopropyl ether	ND		0.00150	1	06/07/2025 18:46	WG2533338
Ethylbenzene	ND		0.0150	1	06/07/2025 18:46	WG2533338
Hexachloro-1,3-butadiene	ND		0.0374	1	06/07/2025 18:46	WG2533338
Isopropylbenzene	ND		0.00374	1	06/07/2025 18:46	WG2533338
p-Isopropyltoluene	ND		0.00748	1	06/07/2025 18:46	WG2533338
2-Butanone (MEK)	ND		0.150	1	06/07/2025 18:46	WG2533338
Methylene Chloride	ND		0.0374	1	06/07/2025 18:46	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0374	1	06/07/2025 18:46	WG2533338
Methyl tert-butyl ether	ND		0.00150	1	06/07/2025 18:46	WG2533338
n-Propylbenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
Styrene	ND		0.0187	1	06/07/2025 18:46	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
Tetrachloroethene	ND		0.00374	1	06/07/2025 18:46	WG2533338
Toluene	ND		0.0150	1	06/07/2025 18:46	WG2533338
1,2,3-Trichlorobenzene	ND		0.0187	1	06/07/2025 18:46	WG2533338
1,2,4-Trichlorobenzene	ND		0.0187	1	06/07/2025 18:46	WG2533338
1,1,1-Trichloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,1,2-Trichloroethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
Trichloroethene	ND		0.00150	1	06/07/2025 18:46	WG2533338
Trichlorofluoromethane	ND		0.00374	1	06/07/2025 18:46	WG2533338
1,2,3-Trichloropropane	ND		0.0187	1	06/07/2025 18:46	WG2533338
1,2,3-Trimethylbenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,2,4-Trimethylbenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
1,3,5-Trimethylbenzene	ND		0.00748	1	06/07/2025 18:46	WG2533338
Vinyl chloride	ND		0.00374	1	06/07/2025 18:46	WG2533338
Xylenes, Total	ND		0.150	1	06/07/2025 18:46	WG2533338
(S) Toluene-d8	99.2		75.0-131		06/07/2025 18:46	WG2533338
(S) 4-Bromofluorobenzene	99.0		67.0-138		06/07/2025 18:46	WG2533338
(S) 1,2-Dichloroethane-d4	99.6		70.0-130		06/07/2025 18:46	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	7.81		4.99	1	06/08/2025 05:11	WG2533388
C28-C36 Motor Oil Range	54.9		4.99	1	06/08/2025 05:11	WG2533388
(S) o-Terphenyl	58.0		18.0-148		06/08/2025 05:11	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0415	1	06/08/2025 02:57	WG2533392
Benzidine	ND	J4	2.08	1	06/08/2025 02:57	WG2533392
Benzo(g,h,i)perylene	ND		0.0415	1	06/08/2025 02:57	WG2533392
Bis(2-chlorethoxy)methane	ND		0.415	1	06/08/2025 02:57	WG2533392
Bis(2-chloroethyl)ether	ND		0.415	1	06/08/2025 02:57	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.415	1	06/08/2025 02:57	WG2533392
4-Bromophenyl-phenylether	ND		0.415	1	06/08/2025 02:57	WG2533392
2-Chloronaphthalene	ND		0.0415	1	06/08/2025 02:57	WG2533392
4-Chlorophenyl-phenylether	ND		0.415	1	06/08/2025 02:57	WG2533392
1,2-Dichlorobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
1,3-Dichlorobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
1,4-Dichlorobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
3,3-Dichlorobenzidine	ND		0.415	1	06/08/2025 02:57	WG2533392
2,4-Dinitrotoluene	ND		0.415	1	06/08/2025 02:57	WG2533392
2,6-Dinitrotoluene	ND		0.415	1	06/08/2025 02:57	WG2533392
Hexachlorobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
Hexachloro-1,3-butadiene	ND		0.415	1	06/08/2025 02:57	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.415	1	06/08/2025 02:57	WG2533392
Hexachloroethane	ND		0.415	1	06/08/2025 02:57	WG2533392
Isophorone	ND		0.415	1	06/08/2025 02:57	WG2533392
Nitrobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
n-Nitrosodimethylamine	ND	C3	0.415	1	06/08/2025 02:57	WG2533392
n-Nitrosodiphenylamine	ND		0.415	1	06/08/2025 02:57	WG2533392
n-Nitrosodi-n-propylamine	ND		0.415	1	06/08/2025 02:57	WG2533392
Phenanthrene	ND		0.0415	1	06/08/2025 02:57	WG2533392
Benzylbutyl phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
Di-n-butyl phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
Diethyl phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
Dimethyl phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
Di-n-octyl phthalate	ND		0.415	1	06/08/2025 02:57	WG2533392
1,2,4-Trichlorobenzene	ND		0.415	1	06/08/2025 02:57	WG2533392
4-Chloro-3-methylphenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2-Chlorophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2,4-Dichlorophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2,4-Dimethylphenol	ND	C3	0.415	1	06/08/2025 02:57	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2,4-Dinitrophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2-Nitrophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
4-Nitrophenol	ND	C3	0.415	1	06/08/2025 02:57	WG2533392
Pentachlorophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
Phenol	ND		0.415	1	06/08/2025 02:57	WG2533392
2,4,6-Trichlorophenol	ND		0.415	1	06/08/2025 02:57	WG2533392
(S) 2-Fluorophenol	72.2		12.0-120		06/08/2025 02:57	WG2533392
(S) Phenol-d5	60.2		10.0-120		06/08/2025 02:57	WG2533392
(S) Nitrobenzene-d5	61.1		10.0-122		06/08/2025 02:57	WG2533392
(S) 2-Fluorobiphenyl	59.0		15.0-120		06/08/2025 02:57	WG2533392
(S) 2,4,6-Tribromophenol	77.5		10.0-127		06/08/2025 02:57	WG2533392
(S) p-Terphenyl-d14	66.3		10.0-120		06/08/2025 02:57	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Acenaphthene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Acenaphthylene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Benzo(a)anthracene	ND		0.00748	1	06/08/2025 03:57	WG2533393
Benzo(a)pyrene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Benzo(b)fluoranthene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Benzo(g,h,i)perylene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Benzo(k)fluoranthene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Chrysene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Dibenz(a,h)anthracene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Fluoranthene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Fluorene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Naphthalene	ND		0.00374	1	06/08/2025 03:57	WG2533393
Phenanthrene	ND		0.0412	1	06/08/2025 03:57	WG2533393
Pyrene	ND		0.0412	1	06/08/2025 03:57	WG2533393
1-Methylnaphthalene	ND		0.00374	1	06/08/2025 03:57	WG2533393
2-Methylnaphthalene	ND		0.0150	1	06/08/2025 03:57	WG2533393
(S) p-Terphenyl-d14	87.6		23.0-120		06/08/2025 03:57	WG2533393
(S) Nitrobenzene-d5	72.3		14.0-149		06/08/2025 03:57	WG2533393
(S) 2-Fluorobiphenyl	84.1		34.0-125		06/08/2025 03:57	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.52		1	06/12/2025 04:09	WG2536015

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2170		24.5	1	06/10/2025 12:08	WG2533407

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.5		1	06/07/2025 15:27	WG2533300

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.3	1	06/09/2025 21:51	WG2533836

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	2160		123	5	06/10/2025 12:08	WG2533911

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.245	1	06/10/2025 01:25	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.94		1	06/12/2025 08:20	WG2536683

Sample Narrative:
L1867315-18 WG2536683: 7.94 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	4040	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:
L1867315-18 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		24.5	1	06/08/2025 02:45	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	23100		500	5	06/08/2025 19:07	WG2533385

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	1.47		0.200	1	06/12/2025 00:50	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3890		24.5	1	06/07/2025 22:20	WG2533369
Antimony	ND		2.45	1	06/07/2025 22:20	WG2533369
Beryllium	0.411		0.245	1	06/07/2025 22:20	WG2533369
Calcium	4590		123	1	06/07/2025 22:20	WG2533369
Chromium	4.60		1.23	1	06/07/2025 22:20	WG2533369
Cobalt	3.47		1.23	1	06/07/2025 22:20	WG2533369
Iron	5400		12.3	1	06/07/2025 22:20	WG2533369
Magnesium	2870		123	1	06/07/2025 22:20	WG2533369
Manganese	196		1.23	1	06/07/2025 22:20	WG2533369
Potassium	1100		123	1	06/07/2025 22:20	WG2533369
Sodium	660		123	1	06/07/2025 22:20	WG2533369
Thallium	ND		2.45	1	06/07/2025 22:20	WG2533369
Vanadium	11.9		2.45	1	06/07/2025 22:20	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.09		0.123	5	06/12/2025 19:38	WG2537279
Barium	61.2		12.3	5	06/12/2025 19:38	WG2537279
Cadmium	0.128		0.123	5	06/12/2025 19:38	WG2537279
Copper	ND		12.3	5	06/12/2025 19:38	WG2537279
Lead	ND		12.3	5	06/12/2025 19:38	WG2537279
Nickel	ND		12.3	5	06/12/2025 19:38	WG2537279
Selenium	0.276		0.123	5	06/12/2025 19:38	WG2537279
Silver	ND		0.614	5	06/12/2025 19:38	WG2537279
Zinc	ND		61.4	5	06/12/2025 19:38	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.64	25	06/07/2025 22:55	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	105		77.0-120		06/07/2025 22:55	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0727	1	06/07/2025 19:06	WG2533338
Acrylonitrile	ND		0.0182	1	06/07/2025 19:06	WG2533338
Benzene	ND		0.00145	1	06/07/2025 19:06	WG2533338
Bromobenzene	ND		0.0182	1	06/07/2025 19:06	WG2533338
Bromodichloromethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
Bromoform	ND		0.0364	1	06/07/2025 19:06	WG2533338
Bromomethane	ND	C3 J4	0.0182	1	06/07/2025 19:06	WG2533338
n-Butylbenzene	ND		0.0182	1	06/07/2025 19:06	WG2533338
sec-Butylbenzene	ND		0.0182	1	06/07/2025 19:06	WG2533338
tert-Butylbenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
Carbon tetrachloride	ND		0.00727	1	06/07/2025 19:06	WG2533338
Chlorobenzene	ND		0.00364	1	06/07/2025 19:06	WG2533338
Chlorodibromomethane	ND		0.00364	1	06/07/2025 19:06	WG2533338



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00727	1	06/07/2025 19:06	WG2533338
Chloroform	0.00604	B	0.00364	1	06/07/2025 19:06	WG2533338
Chloromethane	ND	C3	0.0182	1	06/07/2025 19:06	WG2533338
2-Chlorotoluene	ND		0.00364	1	06/07/2025 19:06	WG2533338
4-Chlorotoluene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0364	1	06/07/2025 19:06	WG2533338
1,2-Dibromoethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
Dibromomethane	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,2-Dichlorobenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,3-Dichlorobenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,4-Dichlorobenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
Dichlorodifluoromethane	ND	C3	0.00727	1	06/07/2025 19:06	WG2533338
1,1-Dichloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,2-Dichloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,1-Dichloroethene	ND		0.00364	1	06/07/2025 19:06	WG2533338
cis-1,2-Dichloroethene	ND		0.00364	1	06/07/2025 19:06	WG2533338
trans-1,2-Dichloroethene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,2-Dichloropropane	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,1-Dichloropropene	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,3-Dichloropropane	ND		0.00727	1	06/07/2025 19:06	WG2533338
cis-1,3-Dichloropropene	ND		0.00364	1	06/07/2025 19:06	WG2533338
trans-1,3-Dichloropropene	ND		0.00727	1	06/07/2025 19:06	WG2533338
2,2-Dichloropropane	ND		0.00364	1	06/07/2025 19:06	WG2533338
Di-isopropyl ether	ND		0.00145	1	06/07/2025 19:06	WG2533338
Ethylbenzene	ND		0.0145	1	06/07/2025 19:06	WG2533338
Hexachloro-1,3-butadiene	ND		0.0364	1	06/07/2025 19:06	WG2533338
Isopropylbenzene	ND		0.00364	1	06/07/2025 19:06	WG2533338
p-Isopropyltoluene	ND		0.00727	1	06/07/2025 19:06	WG2533338
2-Butanone (MEK)	ND		0.145	1	06/07/2025 19:06	WG2533338
Methylene Chloride	ND		0.0364	1	06/07/2025 19:06	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0364	1	06/07/2025 19:06	WG2533338
Methyl tert-butyl ether	ND		0.00145	1	06/07/2025 19:06	WG2533338
n-Propylbenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
Styrene	ND		0.0182	1	06/07/2025 19:06	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
Tetrachloroethene	ND		0.00364	1	06/07/2025 19:06	WG2533338
Toluene	ND		0.0145	1	06/07/2025 19:06	WG2533338
1,2,3-Trichlorobenzene	ND		0.0182	1	06/07/2025 19:06	WG2533338
1,2,4-Trichlorobenzene	ND		0.0182	1	06/07/2025 19:06	WG2533338
1,1,1-Trichloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,1,2-Trichloroethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
Trichloroethene	ND		0.00145	1	06/07/2025 19:06	WG2533338
Trichlorofluoromethane	ND		0.00364	1	06/07/2025 19:06	WG2533338
1,2,3-Trichloropropane	ND		0.0182	1	06/07/2025 19:06	WG2533338
1,2,3-Trimethylbenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,2,4-Trimethylbenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
1,3,5-Trimethylbenzene	ND		0.00727	1	06/07/2025 19:06	WG2533338
Vinyl chloride	ND		0.00364	1	06/07/2025 19:06	WG2533338
Xylenes, Total	ND		0.145	1	06/07/2025 19:06	WG2533338
(S) Toluene-d8	97.3		75.0-131		06/07/2025 19:06	WG2533338
(S) 4-Bromofluorobenzene	101		67.0-138		06/07/2025 19:06	WG2533338
(S) 1,2-Dichloroethane-d4	100		70.0-130		06/07/2025 19:06	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	5.60		4.91	1	06/08/2025 05:24	WG2533388
C28-C36 Motor Oil Range	44.9		4.91	1	06/08/2025 05:24	WG2533388
(S) o-Terphenyl	60.8		18.0-148		06/08/2025 05:24	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0409	1	06/08/2025 02:36	WG2533392
Benzidine	ND	J4	2.05	1	06/08/2025 02:36	WG2533392
Benzo(g,h,i)perylene	ND		0.0409	1	06/08/2025 02:36	WG2533392
Bis(2-chlorethoxy)methane	ND		0.409	1	06/08/2025 02:36	WG2533392
Bis(2-chloroethyl)ether	ND		0.409	1	06/08/2025 02:36	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.409	1	06/08/2025 02:36	WG2533392
4-Bromophenyl-phenylether	ND		0.409	1	06/08/2025 02:36	WG2533392
2-Chloronaphthalene	ND		0.0409	1	06/08/2025 02:36	WG2533392
4-Chlorophenyl-phenylether	ND		0.409	1	06/08/2025 02:36	WG2533392
1,2-Dichlorobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
1,3-Dichlorobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
1,4-Dichlorobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
3,3-Dichlorobenzidine	ND		0.409	1	06/08/2025 02:36	WG2533392
2,4-Dinitrotoluene	ND		0.409	1	06/08/2025 02:36	WG2533392
2,6-Dinitrotoluene	ND		0.409	1	06/08/2025 02:36	WG2533392
Hexachlorobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
Hexachloro-1,3-butadiene	ND		0.409	1	06/08/2025 02:36	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.409	1	06/08/2025 02:36	WG2533392
Hexachloroethane	ND		0.409	1	06/08/2025 02:36	WG2533392
Isophorone	ND		0.409	1	06/08/2025 02:36	WG2533392
Nitrobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
n-Nitrosodimethylamine	ND	C3	0.409	1	06/08/2025 02:36	WG2533392
n-Nitrosodiphenylamine	ND		0.409	1	06/08/2025 02:36	WG2533392
n-Nitrosodi-n-propylamine	ND		0.409	1	06/08/2025 02:36	WG2533392
Phenanthrene	ND		0.0409	1	06/08/2025 02:36	WG2533392
Benzylbutyl phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
Di-n-butyl phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
Diethyl phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
Dimethyl phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
Di-n-octyl phthalate	ND		0.409	1	06/08/2025 02:36	WG2533392
1,2,4-Trichlorobenzene	ND		0.409	1	06/08/2025 02:36	WG2533392
4-Chloro-3-methylphenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2-Chlorophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2,4-Dichlorophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2,4-Dimethylphenol	ND	C3	0.409	1	06/08/2025 02:36	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2,4-Dinitrophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2-Nitrophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
4-Nitrophenol	ND	C3	0.409	1	06/08/2025 02:36	WG2533392
Pentachlorophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
Phenol	ND		0.409	1	06/08/2025 02:36	WG2533392
2,4,6-Trichlorophenol	ND		0.409	1	06/08/2025 02:36	WG2533392
(S) 2-Fluorophenol	67.0		12.0-120		06/08/2025 02:36	WG2533392
(S) Phenol-d5	56.8		10.0-120		06/08/2025 02:36	WG2533392
(S) Nitrobenzene-d5	58.2		10.0-122		06/08/2025 02:36	WG2533392
(S) 2-Fluorobiphenyl	64.2		15.0-120		06/08/2025 02:36	WG2533392
(S) 2,4,6-Tribromophenol	75.3		10.0-127		06/08/2025 02:36	WG2533392
(S) p-Terphenyl-d14	65.2		10.0-120		06/08/2025 02:36	WG2533392



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Acenaphthene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Acenaphthylene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Benzo(a)anthracene	ND		0.00736	1	06/08/2025 04:14	WG2533393
Benzo(a)pyrene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Benzo(b)fluoranthene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Benzo(g,h,i)perylene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Benzo(k)fluoranthene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Chrysene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Dibenz(a,h)anthracene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Fluoranthene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Fluorene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Naphthalene	ND		0.00368	1	06/08/2025 04:14	WG2533393
Phenanthrene	ND		0.0405	1	06/08/2025 04:14	WG2533393
Pyrene	ND		0.0405	1	06/08/2025 04:14	WG2533393
1-Methylnaphthalene	ND		0.00368	1	06/08/2025 04:14	WG2533393
2-Methylnaphthalene	ND		0.0147	1	06/08/2025 04:14	WG2533393
(S) p-Terphenyl-d14	91.6		23.0-120		06/08/2025 04:14	WG2533393
(S) Nitrobenzene-d5	74.6		14.0-149		06/08/2025 04:14	WG2533393
(S) 2-Fluorobiphenyl	86.1		34.0-125		06/08/2025 04:14	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.439		1	06/12/2025 04:14	WG2536015

1
Cp

2
Tc

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1250		22.9	1	06/10/2025 12:10	WG2533407

3
Ss

4
Cn

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.5		1	06/07/2025 15:27	WG2533300

5
Ds

6
Sr

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.4	1	06/09/2025 21:52	WG2533836

7
Qc

8
Gl

Wet Chemistry by Method 4500NOrg D-2021

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Kjeldahl Nitrogen, TKN	1250		114	5	06/10/2025 12:10	WG2533911

9
Al

10
Sc

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.229	1	06/10/2025 01:34	WG2533376

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.67		1	06/12/2025 08:20	WG2536683

Sample Narrative:

L1867315-19 WG2536683: 7.67 at 21.6C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	229	umhos/cm		10.0	1	06/12/2025 12:35	WG2536691

Sample Narrative:

L1867315-19 WG2536691: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	ND		22.9	1	06/08/2025 02:59	WG2533407

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	16000		500	5	06/08/2025 19:09	WG2533385

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.828		0.200	1	06/12/2025 00:53	WG2536071

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2820		22.9	1	06/07/2025 21:36	WG2533369
Antimony	ND		2.29	1	06/07/2025 21:36	WG2533369
Beryllium	0.348		0.229	1	06/07/2025 21:36	WG2533369
Calcium	3280		114	1	06/07/2025 21:36	WG2533369
Chromium	3.76		1.14	1	06/07/2025 21:36	WG2533369
Cobalt	2.63		1.14	1	06/07/2025 21:36	WG2533369
Iron	5170		11.4	1	06/07/2025 21:36	WG2533369
Magnesium	1420		114	1	06/07/2025 21:36	WG2533369
Manganese	171		1.14	1	06/07/2025 21:36	WG2533369
Potassium	1020		114	1	06/07/2025 21:36	WG2533369
Sodium	ND		114	1	06/07/2025 21:36	WG2533369
Thallium	ND		2.29	1	06/07/2025 21:36	WG2533369
Vanadium	10.4		2.29	1	06/07/2025 21:36	WG2533369

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.80		0.114	5	06/12/2025 19:48	WG2537279
Barium	45.1		11.4	5	06/12/2025 19:48	WG2537279
Cadmium	0.183		0.114	5	06/12/2025 19:48	WG2537279
Copper	ND		11.4	5	06/12/2025 19:48	WG2537279
Lead	ND		11.4	5	06/12/2025 19:48	WG2537279
Nickel	ND		11.4	5	06/12/2025 19:48	WG2537279
Selenium	0.220		0.114	5	06/12/2025 19:48	WG2537279
Silver	ND		0.571	5	06/12/2025 19:48	WG2537279
Zinc	ND		57.1	5	06/12/2025 19:48	WG2537279

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.21	25	06/07/2025 23:19	WG2533349
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	105		77.0-120		06/07/2025 23:19	WG2533349

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.0643	1	06/07/2025 19:27	WG2533338
Acrylonitrile	ND		0.0161	1	06/07/2025 19:27	WG2533338
Benzene	ND		0.00129	1	06/07/2025 19:27	WG2533338
Bromobenzene	ND		0.0161	1	06/07/2025 19:27	WG2533338
Bromodichloromethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
Bromoform	ND		0.0321	1	06/07/2025 19:27	WG2533338
Bromomethane	ND	C3 J4	0.0161	1	06/07/2025 19:27	WG2533338
n-Butylbenzene	ND		0.0161	1	06/07/2025 19:27	WG2533338
sec-Butylbenzene	ND		0.0161	1	06/07/2025 19:27	WG2533338
tert-Butylbenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
Carbon tetrachloride	ND		0.00643	1	06/07/2025 19:27	WG2533338
Chlorobenzene	ND		0.00321	1	06/07/2025 19:27	WG2533338
Chlorodibromomethane	ND		0.00321	1	06/07/2025 19:27	WG2533338

¹ Cp² Tc³ Ss⁴ Cn⁵ Ds⁶ Sr⁷ Qc⁸ Gl⁹ Al¹⁰ Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Chloroethane	ND		0.00643	1	06/07/2025 19:27	WG2533338
Chloroform	0.00480	B	0.00321	1	06/07/2025 19:27	WG2533338
Chloromethane	ND	C3	0.0161	1	06/07/2025 19:27	WG2533338
2-Chlorotoluene	ND		0.00321	1	06/07/2025 19:27	WG2533338
4-Chlorotoluene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,2-Dibromo-3-Chloropropane	ND		0.0321	1	06/07/2025 19:27	WG2533338
1,2-Dibromoethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
Dibromomethane	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,2-Dichlorobenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,3-Dichlorobenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,4-Dichlorobenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
Dichlorodifluoromethane	ND	C3	0.00643	1	06/07/2025 19:27	WG2533338
1,1-Dichloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,2-Dichloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,1-Dichloroethene	ND		0.00321	1	06/07/2025 19:27	WG2533338
cis-1,2-Dichloroethene	ND		0.00321	1	06/07/2025 19:27	WG2533338
trans-1,2-Dichloroethene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,2-Dichloropropane	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,1-Dichloropropene	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,3-Dichloropropane	ND		0.00643	1	06/07/2025 19:27	WG2533338
cis-1,3-Dichloropropene	ND		0.00321	1	06/07/2025 19:27	WG2533338
trans-1,3-Dichloropropene	ND		0.00643	1	06/07/2025 19:27	WG2533338
2,2-Dichloropropane	ND		0.00321	1	06/07/2025 19:27	WG2533338
Di-isopropyl ether	ND		0.00129	1	06/07/2025 19:27	WG2533338
Ethylbenzene	ND		0.0129	1	06/07/2025 19:27	WG2533338
Hexachloro-1,3-butadiene	ND		0.0321	1	06/07/2025 19:27	WG2533338
Isopropylbenzene	ND		0.00321	1	06/07/2025 19:27	WG2533338
p-Isopropyltoluene	ND		0.00643	1	06/07/2025 19:27	WG2533338
2-Butanone (MEK)	ND		0.129	1	06/07/2025 19:27	WG2533338
Methylene Chloride	ND		0.0321	1	06/07/2025 19:27	WG2533338
4-Methyl-2-pentanone (MIBK)	ND		0.0321	1	06/07/2025 19:27	WG2533338
Methyl tert-butyl ether	ND		0.00129	1	06/07/2025 19:27	WG2533338
n-Propylbenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
Styrene	ND		0.0161	1	06/07/2025 19:27	WG2533338
1,1,1,2-Tetrachloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,1,2,2-Tetrachloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,1,2-Trichlorotrifluoroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
Tetrachloroethene	ND		0.00321	1	06/07/2025 19:27	WG2533338
Toluene	ND		0.0129	1	06/07/2025 19:27	WG2533338
1,2,3-Trichlorobenzene	ND		0.0161	1	06/07/2025 19:27	WG2533338
1,2,4-Trichlorobenzene	ND		0.0161	1	06/07/2025 19:27	WG2533338
1,1,1-Trichloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,1,2-Trichloroethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
Trichloroethene	ND		0.00129	1	06/07/2025 19:27	WG2533338
Trichlorofluoromethane	ND		0.00321	1	06/07/2025 19:27	WG2533338
1,2,3-Trichloropropane	ND		0.0161	1	06/07/2025 19:27	WG2533338
1,2,3-Trimethylbenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,2,4-Trimethylbenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
1,3,5-Trimethylbenzene	ND		0.00643	1	06/07/2025 19:27	WG2533338
Vinyl chloride	ND		0.00321	1	06/07/2025 19:27	WG2533338
Xylenes, Total	ND		0.129	1	06/07/2025 19:27	WG2533338
(S) Toluene-d8	96.9		75.0-131		06/07/2025 19:27	WG2533338
(S) 4-Bromofluorobenzene	98.3		67.0-138		06/07/2025 19:27	WG2533338
(S) 1,2-Dichloroethane-d4	101		70.0-130		06/07/2025 19:27	WG2533338

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.57	1	06/08/2025 00:19	WG2533388
C28-C36 Motor Oil Range	9.54		4.57	1	06/08/2025 00:19	WG2533388
(S) o-Terphenyl	57.5		18.0-148		06/08/2025 00:19	WG2533388

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthylene	ND		0.0381	1	06/08/2025 02:15	WG2533392
Benzidine	ND	J4	1.91	1	06/08/2025 02:15	WG2533392
Benzo(g,h,i)perylene	ND		0.0381	1	06/08/2025 02:15	WG2533392
Bis(2-chlorethoxy)methane	ND		0.381	1	06/08/2025 02:15	WG2533392
Bis(2-chloroethyl)ether	ND		0.381	1	06/08/2025 02:15	WG2533392
2,2-Oxybis(1-Chloropropane)	ND	C3	0.381	1	06/08/2025 02:15	WG2533392
4-Bromophenyl-phenylether	ND		0.381	1	06/08/2025 02:15	WG2533392
2-Chloronaphthalene	ND		0.0381	1	06/08/2025 02:15	WG2533392
4-Chlorophenyl-phenylether	ND		0.381	1	06/08/2025 02:15	WG2533392
1,2-Dichlorobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
1,3-Dichlorobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
1,4-Dichlorobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
3,3-Dichlorobenzidine	ND		0.381	1	06/08/2025 02:15	WG2533392
2,4-Dinitrotoluene	ND		0.381	1	06/08/2025 02:15	WG2533392
2,6-Dinitrotoluene	ND		0.381	1	06/08/2025 02:15	WG2533392
Hexachlorobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
Hexachloro-1,3-butadiene	ND		0.381	1	06/08/2025 02:15	WG2533392
Hexachlorocyclopentadiene	ND	C3	0.381	1	06/08/2025 02:15	WG2533392
Hexachloroethane	ND		0.381	1	06/08/2025 02:15	WG2533392
Isophorone	ND		0.381	1	06/08/2025 02:15	WG2533392
Nitrobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
n-Nitrosodimethylamine	ND	C3	0.381	1	06/08/2025 02:15	WG2533392
n-Nitrosodiphenylamine	ND		0.381	1	06/08/2025 02:15	WG2533392
n-Nitrosodi-n-propylamine	ND		0.381	1	06/08/2025 02:15	WG2533392
Phenanthrene	ND		0.0381	1	06/08/2025 02:15	WG2533392
Benzylbutyl phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
Bis(2-ethylhexyl)phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
Di-n-butyl phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
Diethyl phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
Dimethyl phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
Di-n-octyl phthalate	ND		0.381	1	06/08/2025 02:15	WG2533392
1,2,4-Trichlorobenzene	ND		0.381	1	06/08/2025 02:15	WG2533392
4-Chloro-3-methylphenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2-Chlorophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2,4-Dichlorophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2,4-Dimethylphenol	ND	C3	0.381	1	06/08/2025 02:15	WG2533392
4,6-Dinitro-2-methylphenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2,4-Dinitrophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2-Nitrophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
4-Nitrophenol	ND	C3	0.381	1	06/08/2025 02:15	WG2533392
Pentachlorophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
Phenol	ND		0.381	1	06/08/2025 02:15	WG2533392
2,4,6-Trichlorophenol	ND		0.381	1	06/08/2025 02:15	WG2533392
(S) 2-Fluorophenol	68.1		12.0-120		06/08/2025 02:15	WG2533392
(S) Phenol-d5	56.0		10.0-120		06/08/2025 02:15	WG2533392
(S) Nitrobenzene-d5	58.8		10.0-122		06/08/2025 02:15	WG2533392
(S) 2-Fluorobiphenyl	52.2		15.0-120		06/08/2025 02:15	WG2533392
(S) 2,4,6-Tribromophenol	76.1		10.0-127		06/08/2025 02:15	WG2533392
(S) p-Terphenyl-d14	68.9		10.0-120		06/08/2025 02:15	WG2533392

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Acenaphthene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Acenaphthylene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Benzo(a)anthracene	ND		0.00686	1	06/08/2025 02:30	WG2533393
Benzo(a)pyrene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Benzo(b)fluoranthene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Benzo(g,h,i)perylene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Benzo(k)fluoranthene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Chrysene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Dibenz(a,h)anthracene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Fluoranthene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Fluorene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Indeno(1,2,3-cd)pyrene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Naphthalene	ND		0.00343	1	06/08/2025 02:30	WG2533393
Phenanthrene	ND		0.0377	1	06/08/2025 02:30	WG2533393
Pyrene	ND		0.0377	1	06/08/2025 02:30	WG2533393
1-Methylnaphthalene	ND		0.00343	1	06/08/2025 02:30	WG2533393
2-Methylnaphthalene	ND		0.0137	1	06/08/2025 02:30	WG2533393
(S) p-Terphenyl-d14	89.1		23.0-120		06/08/2025 02:30	WG2533393
(S) Nitrobenzene-d5	69.3		14.0-149		06/08/2025 02:30	WG2533393
(S) 2-Fluorobiphenyl	85.9		34.0-125		06/08/2025 02:30	WG2533393

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	06/07/2025 19:25	WG2533281
Acrolein	ND		0.0500	1	06/07/2025 19:25	WG2533281
Acrylonitrile	ND		0.0100	1	06/07/2025 19:25	WG2533281
Benzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Bromobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Bromodichloromethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Bromoform	ND	C3	0.00100	1	06/07/2025 19:25	WG2533281
Bromomethane	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
n-Butylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
sec-Butylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
tert-Butylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Carbon tetrachloride	ND		0.00100	1	06/07/2025 19:25	WG2533281
Chlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Chlorodibromomethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Chloroethane	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
Chloroform	ND		0.00500	1	06/07/2025 19:25	WG2533281
Chloromethane	ND		0.00250	1	06/07/2025 19:25	WG2533281
2-Chlorotoluene	ND		0.00100	1	06/07/2025 19:25	WG2533281
4-Chlorotoluene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
1,2-Dibromoethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Dibromomethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,3-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,4-Dichlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Dichlorodifluoromethane	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
1,1-Dichloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2-Dichloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,1-Dichloroethene	ND		0.00100	1	06/07/2025 19:25	WG2533281
cis-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 19:25	WG2533281
trans-1,2-Dichloroethene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2-Dichloropropane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,1-Dichloropropene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,3-Dichloropropane	ND		0.00100	1	06/07/2025 19:25	WG2533281
cis-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 19:25	WG2533281
trans-1,3-Dichloropropene	ND		0.00100	1	06/07/2025 19:25	WG2533281
2,2-Dichloropropane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Di-isopropyl ether	ND		0.00100	1	06/07/2025 19:25	WG2533281
Ethylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Hexachloro-1,3-butadiene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Isopropylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
p-Isopropyltoluene	ND		0.00100	1	06/07/2025 19:25	WG2533281
2-Butanone (MEK)	ND		0.0100	1	06/07/2025 19:25	WG2533281
Methylene Chloride	ND		0.00500	1	06/07/2025 19:25	WG2533281
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/07/2025 19:25	WG2533281
Methyl tert-butyl ether	ND		0.00100	1	06/07/2025 19:25	WG2533281
Naphthalene	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
n-Propylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Styrene	ND	C3	0.00100	1	06/07/2025 19:25	WG2533281
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Tetrachloroethene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Toluene	ND	C3	0.00100	1	06/07/2025 19:25	WG2533281
1,2,3-Trichlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2,4-Trichlorobenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,1,2-Trichloroethane	ND		0.00100	1	06/07/2025 19:25	WG2533281
Trichloroethene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Trichlorofluoromethane	ND	C3	0.00500	1	06/07/2025 19:25	WG2533281
1,2,3-Trichloropropane	ND		0.00250	1	06/07/2025 19:25	WG2533281
1,2,4-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,2,3-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
1,3,5-Trimethylbenzene	ND		0.00100	1	06/07/2025 19:25	WG2533281
Vinyl chloride	ND	C3 J4	0.00100	1	06/07/2025 19:25	WG2533281
Xylenes, Total	ND		0.00300	1	06/07/2025 19:25	WG2533281
(S) Toluene-d8	99.9		80.0-120		06/07/2025 19:25	WG2533281
(S) 4-Bromofluorobenzene	94.7		77.0-126		06/07/2025 19:25	WG2533281
(S) 1,2-Dichloroethane-d4	111		70.0-130		06/07/2025 19:25	WG2533281

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.657	J	0.318	0.318	0.755	0.343	06/10/2025 14:37	WG2535040
Bismuth-214 (Ra-226)	0.882		0.211	0.211	0.285	0.128	06/10/2025 14:37	WG2535040
Lead-214	0.812		0.188	0.188	0.290	0.132	06/10/2025 14:37	WG2535040
Thorium-234 (U-238)	1.07	U	1.54	1.54	2.92	1.16	06/10/2025 14:37	WG2535040
Radium-226 (186 KeV)	1.99		0.961	0.961	1.65	0.771	06/10/2025 14:37	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.702		0.226	0.226	0.470	0.211	06/10/2025 14:38	WG2535040
Bismuth-214 (Ra-226)	0.442		0.144	0.144	0.223	0.100	06/10/2025 14:38	WG2535040
Lead-214	0.360		0.124	0.124	0.215	0.0977	06/10/2025 14:38	WG2535040
Thorium-234 (U-238)	-0.669	U	1.36	1.36	3.07	1.22	06/10/2025 14:38	WG2535040
Radium-226 (186 KeV)	0.337	U	0.748	0.748	1.45	0.680	06/10/2025 14:38	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	1.05		0.259	0.259	0.399	0.169	06/10/2025 14:38	WG2535040
Bismuth-214 (Ra-226)	0.647		0.188	0.188	0.281	0.127	06/10/2025 14:38	WG2535040
Lead-214	0.673		0.268	0.268	0.214	0.0969	06/10/2025 14:38	WG2535040
Thorium-234 (U-238)	0.859	J	0.801	0.801	1.65	0.658	06/10/2025 14:38	WG2535040
Radium-226 (186 KeV)	1.36		0.724	0.724	1.16	0.541	06/10/2025 14:38	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.908		0.276	0.276	0.497	0.217	06/10/2025 14:58	WG2535040
Bismuth-214 (Ra-226)	0.790		0.192	0.192	0.227	0.0992	06/10/2025 14:58	WG2535040
Lead-214	0.848		0.174	0.174	0.259	0.118	06/10/2025 14:58	WG2535040
Thorium-234 (U-238)	1.12	U	0.983	0.983	2.21	0.890	06/10/2025 14:58	WG2535040
Radium-226 (186 KeV)	0.697	U	0.774	0.774	1.39	0.651	06/10/2025 14:58	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.301		0.148	0.148	0.280	0.110	06/10/2025 15:17	WG2535040
Bismuth-214 (Ra-226)	0.211		0.109	0.109	0.173	0.0728	06/10/2025 15:17	WG2535040
Lead-214	0.248		0.0898	0.0898	0.157	0.0674	06/10/2025 15:17	WG2535040
Thorium-234 (U-238)	2.93		1.28	1.28	1.54	0.590	06/10/2025 15:17	WG2535040
Radium-226 (186 KeV)	1.98		0.558	0.558	0.738	0.327	06/10/2025 15:17	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.796		0.199	0.199	0.328	0.145	06/10/2025 15:22	WG2535040
Bismuth-214 (Ra-226)	0.788		0.148	0.148	0.180	0.0812	06/10/2025 15:22	WG2535040
Lead-214	0.829		0.156	0.156	0.184	0.0848	06/10/2025 15:22	WG2535040
Thorium-234 (U-238)	1.65	J	1.12	1.12	2.06	0.819	06/10/2025 15:22	WG2535040
Radium-226 (186 KeV)	1.59		0.653	0.653	1.11	0.522	06/10/2025 15:22	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/g		+ / -	+ / -	pCi/g	pCi/g	date / time	
Actinium-228 (Ra-228)	0.986		0.360	0.360	0.731	0.324	06/10/2025 15:24	WG2535040
Bismuth-214 (Ra-226)	0.670		0.212	0.212	0.313	0.138	06/10/2025 15:24	WG2535040
Lead-214	0.628		0.192	0.192	0.328	0.149	06/10/2025 15:24	WG2535040
Thorium-234 (U-238)	1.35	<u>U</u>	1.62	1.62	3.29	1.30	06/10/2025 15:24	WG2535040
Radium-226 (186 KeV)	2.17		0.967	0.967	1.61	0.741	06/10/2025 15:24	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.963		0.327	0.327	0.650	0.285	06/10/2025 15:46	WG2535040
Bismuth-214 (Ra-226)	0.990		0.248	0.248	0.354	0.159	06/10/2025 15:46	WG2535040
Lead-214	0.751		0.208	0.208	0.353	0.161	06/10/2025 15:46	WG2535040
Thorium-234 (U-238)	2.56		1.31	1.31	2.45	0.980	06/10/2025 15:46	WG2535040
Radium-226 (186 KeV)	1.56	J	0.937	0.937	1.60	0.742	06/10/2025 15:46	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/g		+ / -	+ / -	pCi/g	pCi/g	date / time	
Actinium-228 (Ra-228)	0.814		0.236	0.236	0.449	0.198	06/10/2025 15:46	WG2535040
Bismuth-214 (Ra-226)	0.671		0.159	0.159	0.198	0.0873	06/10/2025 15:46	WG2535040
Lead-214	0.596		0.220	0.220	0.181	0.0816	06/10/2025 15:46	WG2535040
Thorium-234 (U-238)	0.711	<u>U</u>	0.628	0.628	1.39	0.550	06/10/2025 15:46	WG2535040
Radium-226 (186 KeV)	1.18		0.584	0.584	0.923	0.428	06/10/2025 15:46	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.929		0.355	0.355	0.713	0.301	06/10/2025 15:47	WG2535040
Bismuth-214 (Ra-226)	0.667		0.242	0.242	0.335	0.144	06/10/2025 15:47	WG2535040
Lead-214	0.848		0.202	0.202	0.318	0.142	06/10/2025 15:47	WG2535040
Thorium-234 (U-238)	0.290	U	0.734	0.734	1.96	0.780	06/10/2025 15:47	WG2535040
Radium-226 (186 KeV)	0.876	U	0.969	0.969	1.66	0.770	06/10/2025 15:47	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.581		0.178	0.178	0.341	0.151	06/10/2025 16:13	WG2535040
Bismuth-214 (Ra-226)	0.629		0.128	0.128	0.143	0.0624	06/10/2025 16:13	WG2535040
Lead-214	0.496		0.132	0.132	0.182	0.0833	06/10/2025 16:13	WG2535040
Thorium-234 (U-238)	0.781	U	0.967	0.967	2.06	0.821	06/10/2025 16:13	WG2535040
Radium-226 (186 KeV)	0.999	U	0.592	0.592	1.05	0.492	06/10/2025 16:13	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	1.38		0.345	0.345	0.573	0.250	06/10/2025 16:13	WG2535040
Bismuth-214 (Ra-226)	0.665		0.211	0.211	0.317	0.142	06/10/2025 16:13	WG2535040
Lead-214	0.742		0.183	0.183	0.298	0.136	06/10/2025 16:13	WG2535040
Thorium-234 (U-238)	1.34	U	1.57	1.57	3.06	1.22	06/10/2025 16:13	WG2535040
Radium-226 (186 KeV)	0.574	U	1.01	1.01	1.91	0.898	06/10/2025 16:13	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.975		0.242	0.242	0.466	0.212	06/10/2025 16:14	WG2535040
Bismuth-214 (Ra-226)	0.702		0.160	0.160	0.222	0.101	06/10/2025 16:14	WG2535040
Lead-214	0.716		0.146	0.146	0.229	0.106	06/10/2025 16:14	WG2535040
Thorium-234 (U-238)	-0.938	U	1.35	1.35	3.00	1.19	06/10/2025 16:14	WG2535040
Radium-226 (186 KeV)	0.654	U	0.739	0.739	1.39	0.653	06/10/2025 16:14	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	1.25		0.289	0.289	0.372	0.151	06/10/2025 16:14	WG2535040
Bismuth-214 (Ra-226)	0.641		0.189	0.189	0.247	0.108	06/10/2025 16:14	WG2535040
Lead-214	0.706		0.162	0.162	0.262	0.118	06/10/2025 16:14	WG2535040
Thorium-234 (U-238)	1.15	J	1.11	1.11	2.24	0.876	06/10/2025 16:14	WG2535040
Radium-226 (186 KeV)	1.73		0.778	0.778	1.30	0.597	06/10/2025 16:14	WG2535040

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Radiochemistry by Method DOE Ga-01-R/901.1

Analyte	Result pCi/g	Qualifier	2 sigma CE + / -	TPU + / -	MDA pCi/g	Lc pCi/g	Analysis Date date / time	Batch
Actinium-228 (Ra-228)	0.821		0.189	0.189	0.263	0.111	06/10/2025 16:14	WG2535040
Bismuth-214 (Ra-226)	0.690		0.134	0.134	0.141	0.0620	06/10/2025 16:14	WG2535040
Lead-214	0.612		0.110	0.110	0.154	0.0706	06/10/2025 16:14	WG2535040
Thorium-234 (U-238)	1.03		0.610	0.610	1.00	0.398	06/10/2025 16:14	WG2535040
Radium-226 (186 KeV)	1.41		0.505	0.505	0.766	0.357	06/10/2025 16:14	WG2535040

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4228353-1 06/10/25 14:35

Analyte	MB Result pCi/g	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/g	MB Lc pCi/g
Actinium-228 (Ra-228)	0.0143	⌋	0.104	0.263	0.102
Americium-241	-0.0940	⌋	0.568	1.10	0.501
Bismuth-214 (Ra-226)	-0.00862	⌋	0.0933	0.220	0.0957
Cesium-137	-0.0158	⌋	0.0494	0.117	0.0506
Cobalt-60	0.00785	⌋	0.0382	0.125	0.0511
Lead-214	0.00409	⌋	0.0836	0.178	0.0777
Radium-226 (186 KeV)	0.485	⌋	0.606	1.15	0.524
Thorium-234 (U-238)	1.23	⌋	1.06	2.03	0.784

L1867315-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-21 06/10/25 14:37 • (DUP) R4228353-3 06/10/25 15:24

Analyte	Original Result pCi/g	Original 2 sigma CE + / -	Original MDA pCi/g	Original Lc pCi/g	DUP Result pCi/g	DUP 2 sigma CE + / -	DUP MDA pCi/g	DUP Lc pCi/g	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Actinium-228 (Ra-228)	0.657	0.318	0.755	0.343	0.821	0.224	0.430	0.195	22.1	0.421		20	3
Bismuth-214 (Ra-226)	0.882	0.211	0.285	0.128	0.684	0.161	0.229	0.105	25.3	0.746		20	3
Lead-214	0.812	0.188	0.290	0.132	0.757	0.145	0.214	0.0987	7.04	0.233		20	3
Radium-226 (186 KeV)	1.99	0.961	1.65	0.771	0.982	0.762	1.39	0.658	67.9	0.823	⌋	20	3
Thorium-234 (U-238)	1.07	1.54	2.92	1.16	0.0344	1.25	2.65	1.05	188	0.524	⌋	20	3

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

(LCS) R4228353-2 06/10/25 14:36 • (LCSD) R4228353-4 06/10/25 15:25

Analyte	Spike Amount pCi/g	LCS Result pCi/g	LCSD Result pCi/g	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Americium-241	36.9	36.7	34.7	99.4	94.0	80.0-120			5.52	20
Cesium-137	53.8	55.7	59.3	104	110	80.0-120			6.19	20
Cobalt-60	62.9	64.0	67.3	102	107	80.0-120			4.99	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

Method Blank (MB)

(MB) R4227227-1 06/07/25 15:13

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1867315-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-08 06/07/25 15:13 • (DUP) R4227227-3 06/07/25 15:13

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	84.8	83.8	1	1.22		10

Laboratory Control Sample (LCS)

(LCS) R4227227-2 06/07/25 15:13

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	



Method Blank (MB)

(MB) R4227229-1 06/07/25 15:27

Analyte	MB Result %	<u>MB Qualifier</u>	MB MDL %	MB RDL %
Total Solids	0.000			

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

L1867308-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867308-01 06/07/25 15:27 • (DUP) R4227229-3 06/07/25 15:27

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	<u>DUP Qualifier</u>	DUP RPD Limits
Total Solids	88.1	88.5	1	0.404		10

Laboratory Control Sample (LCS)

(LCS) R4227229-2 06/07/25 15:27

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4227882-1 06/09/25 22:23

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Ammonia Nitrogen	U		7.19	10.0

L1867310-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867310-01 06/09/25 22:27 • (DUP) R4227882-3 06/09/25 22:29

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

L1867315-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-03 06/09/25 23:08 • (DUP) R4227882-6 06/09/25 23:09

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4227882-2 06/09/25 22:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Ammonia Nitrogen	250	246	98.5	90.0-110	

L1867312-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867312-09 06/09/25 22:45 • (MS) R4227882-4 06/09/25 22:47 • (MSD) R4227882-5 06/09/25 22:48

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Ammonia Nitrogen	305	ND	325	327	107	107	1	90.0-110			0.473	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4227881-1 06/09/25 21:22

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Ammonia Nitrogen	U		7.19	10.0

L1867315-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-13 06/09/25 21:43 • (DUP) R4227881-5 06/09/25 21:45

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

L1867553-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867553-01 06/09/25 22:03 • (DUP) R4227881-6 06/09/25 22:04

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Ammonia Nitrogen	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R4227881-2 06/09/25 21:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Ammonia Nitrogen	250	246	98.5	90.0-110	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/09/25 21:30 • (MS) R4227881-3 06/09/25 21:31 • (MSD) R4227881-4 06/09/25 21:33

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Ammonia Nitrogen	295	ND	303	296	103	100	1	90.0-110			2.40	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4228276-1 06/10/25 13:09

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Kjeldahl Nitrogen, TKN	U		15.2	20.0

L1867312-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1867312-07 06/10/25 13:12 • (DUP) R4228276-3 06/10/25 13:14

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Kjeldahl Nitrogen, TKN	1450	1390	5	4.20		20

L1867312-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1867312-11 06/10/25 13:20 • (DUP) R4228276-5 06/10/25 13:22

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Kjeldahl Nitrogen, TKN	1880	1700	5	10.1		20

Laboratory Control Sample (LCS)

(LCS) R4228276-2 06/10/25 13:10

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Kjeldahl Nitrogen, TKN	624	652	104	81.7-124	

L1867312-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867312-08 06/10/25 13:16 • (MS) R4228276-4 06/10/25 13:18

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/kg	mg/kg	mg/kg	%		%	
Kjeldahl Nitrogen, TKN	466	496	780	61.0	1	81.7-124	J6

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4228132-1 06/10/25 11:51

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Kjeldahl Nitrogen, TKN	U		15.2	20.0

L1867315-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-14 06/10/25 12:01 • (DUP) R4228132-5 06/10/25 12:03

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Kjeldahl Nitrogen, TKN	1260	1420	5	12.1		20

Laboratory Control Sample (LCS)

(LCS) R4228132-2 06/10/25 11:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Kjeldahl Nitrogen, TKN	624	610	97.8	81.7-124	

L1867312-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867312-09 06/10/25 11:55 • (MS) R4228132-3 06/10/25 11:57 • (MSD) R4228132-4 06/10/25 11:59

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Kjeldahl Nitrogen, TKN	488	1960	1760	1810	0.000	0.000	1	81.7-124	E V	E V	3.16	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4228077-1 06/09/25 23:00

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

L1867308-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867308-01 06/09/25 23:21 • (DUP) R4228077-3 06/09/25 23:31

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

Laboratory Control Sample (LCS)

(LCS) R4228077-2 06/09/25 23:11

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Hexavalent Chromium	10.0	10.2	102	80.0-120	

L1867312-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867312-09 06/10/25 01:37 • (MS) R4228077-8 06/10/25 08:46 • (MSD) R4228077-9 06/10/25 08:57

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Hexavalent Chromium	24.4	ND	14.3	18.0	58.7	73.9	1	75.0-125	J6	J3 J6	23.0	20

L1867312-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867312-09 06/10/25 01:37 • (MS) R4228077-4 06/10/25 02:30

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	mg/kg	mg/kg	mg/kg	%		%	
Hexavalent Chromium	788	ND	709	90.0	50	75.0-125	

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4227897-1 06/09/25 22:26

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

L1867315-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-12 06/10/25 00:31 • (DUP) R4227897-7 06/10/25 00:40

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

L1867315-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-19 06/10/25 01:34 • (DUP) R4227897-8 06/10/25 03:40

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

Laboratory Control Sample (LCS)

(LCS) R4227897-2 06/09/25 22:34

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Hexavalent Chromium	10.0	10.2	102	80.0-120	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/09/25 23:10 • (MS) R4227897-3 06/09/25 23:19 • (MSD) R4227897-4 06/09/25 23:28

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Hexavalent Chromium	23.6	ND	20.1	15.5	85.2	65.8	1	75.0-125		J3 J6	25.7	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1867315-08 06/09/25 23:10 • (MS) R4227897-5 06/09/25 23:37

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MS Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>
Analyte	mg/kg	mg/kg	mg/kg	%		%	
Hexavalent Chromium	750	ND	714	95.1	50	75.0-125	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

L1867312-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1867312-01 06/12/25 08:20 • (DUP) R4229222-2 06/12/25 08:20

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	7.94	7.96	1	0.252		1

Sample Narrative:

OS: 7.94 at 21.7C

DUP: 7.96 at 21.4C

L1867315-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-19 06/12/25 08:20 • (DUP) R4229222-3 06/12/25 08:20

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	7.67	7.66	1	0.130		1

Sample Narrative:

OS: 7.67 at 21.6C

DUP: 7.66 at 21.4C

Laboratory Control Sample (LCS)

(LCS) R4229222-1 06/12/25 08:20

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

Sample Narrative:

LCS: 10.02 at 20.8C

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4229337-1 06/12/25 12:35

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

Sample Narrative:
BLANK: at 25C

L1867312-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1867312-02 06/12/25 12:35 • (DUP) R4229337-3 06/12/25 12:35

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	364	365	1	0.274		20

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

L1867315-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-18 06/12/25 12:35 • (DUP) R4229337-4 06/12/25 12:35

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	4040	4030	1	0.248		20

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

Laboratory Control Sample (LCS)

(LCS) R4229337-2 06/12/25 12:35

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	585	101	90.0-110	

Sample Narrative:
LCS: at 25C

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4227226-1 06/07/25 22:30

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Nitrate-Nitrite	U		0.606	20.0

Laboratory Control Sample (LCS)

(LCS) R4227226-2 06/07/25 22:43

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	mg/kg	mg/kg	%	%	
Nitrate-Nitrite	40.0	41.1	103	80.0-120	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 00:03 • (MS) R4227226-3 06/08/25 00:17 • (MSD) R4227226-4 06/08/25 00:30

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Nitrate-Nitrite	47.2	ND	54.0	53.6	107	106	1	80.0-120			0.773	15



Method Blank (MB)

(MB) R4227346-1 06/08/25 19:00

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
TOC By Walkley Black	U		25.5	100

L1867315-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-18 06/08/25 19:07 • (DUP) R4227346-5 06/08/25 19:08

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
TOC By Walkley Black	23100	21400	5	7.47		20

L1867315-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1867315-19 06/08/25 19:09 • (DUP) R4227346-6 06/08/25 19:09

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
TOC By Walkley Black	16000	16300	5	1.69		20

Laboratory Control Sample (LCS)

(LCS) R4227346-2 06/08/25 19:00

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
TOC By Walkley Black	3230	3400	105	75.0-144	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 19:01 • (MS) R4227346-3 06/08/25 19:03 • (MSD) R4227346-4 06/08/25 19:06

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TOC By Walkley Black	20000	14100	31700	31200	87.8	85.4	5	80.0-120			1.53	20



Method Blank (MB)

(MB) R4229238-1 06/12/25 01:56

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

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

(LCS) R4229238-2 06/12/25 01:59 • (LCSD) R4229238-3 06/12/25 02:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.05	1.01	105	101	80.0-120			3.76	20



Method Blank (MB)

(MB) R4229237-1 06/11/25 23:41

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

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

(LCS) R4229237-2 06/11/25 23:43 • (LCSD) R4229237-3 06/11/25 23:46

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	0.995	100	99.5	80.0-120			0.684	20



Method Blank (MB)

(MB) R4227167-1 06/07/25 21:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aluminum	U		6.08	20.0
Antimony	U		0.691	2.00
Beryllium	U		0.0477	0.200
Calcium	U		19.0	100
Chromium	U		0.214	1.00
Cobalt	U		0.177	1.00
Iron	U		2.24	10.0
Magnesium	U		19.9	100
Manganese	U		0.173	1.00
Potassium	U		20.9	100
Sodium	U		41.2	100
Thallium	U		0.518	2.00
Vanadium	U		0.383	2.00

Laboratory Control Sample (LCS)

(LCS) R4227167-2 06/07/25 21:43

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	1000	100	80.0-120	
Antimony	100	103	103	80.0-120	
Beryllium	100	104	104	80.0-120	
Calcium	1000	1040	104	80.0-120	
Chromium	100	109	109	80.0-120	
Cobalt	100	102	102	80.0-120	
Iron	1000	1050	105	80.0-120	
Magnesium	1000	1000	100	80.0-120	
Manganese	100	109	109	80.0-120	
Potassium	1000	1010	101	80.0-120	
Sodium	1000	1040	104	80.0-120	
Thallium	100	105	105	80.0-120	
Vanadium	100	101	101	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/07/25 21:45 • (MS) R4227167-5 06/07/25 21:51 • (MSD) R4227167-6 06/07/25 21:53

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Aluminum	1180	4830	6210	5880	118	89.2	1	75.0-125			5.54	20
Antimony	118	ND	89.7	89.9	76.1	76.2	1	75.0-125			0.159	20
Beryllium	118	0.475	114	109	96.2	91.9	1	75.0-125			4.60	20
Calcium	1180	37400	39600	38700	191	114	1	75.0-125	<u>V</u>		2.30	20
Chromium	118	5.26	122	116	98.6	93.8	1	75.0-125			4.69	20
Cobalt	118	4.24	118	113	96.8	91.9	1	75.0-125			4.93	20
Iron	1180	10100	8650	8110	0.000	0.000	1	75.0-125	<u>V</u>	<u>V</u>	6.38	20
Magnesium	1180	2670	3790	3600	94.6	78.4	1	75.0-125			5.15	20
Manganese	118	382	338	342	0.000	0.000	1	75.0-125	<u>J6</u>	<u>J6</u>	1.08	20
Potassium	1180	1080	2210	2080	96.0	84.6	1	75.0-125			6.27	20
Sodium	1180	133	1290	1230	97.8	93.1	1	75.0-125			4.47	20
Thallium	118	ND	114	109	97.0	92.5	1	75.0-125			4.71	20
Vanadium	118	16.8	121	115	88.4	83.5	1	75.0-125			4.93	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

Method Blank (MB)

(MB) R4229608-1 06/12/25 18:27

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

Laboratory Control Sample (LCS)

(LCS) R4229608-2 06/12/25 18:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	97.9	97.9	80.0-120	
Barium	100	95.5	95.5	80.0-120	
Cadmium	100	102	102	80.0-120	
Copper	100	101	101	80.0-120	
Lead	100	95.7	95.7	80.0-120	
Nickel	100	102	102	80.0-120	
Selenium	100	100	100	80.0-120	
Silver	20.0	21.5	107	80.0-120	
Zinc	100	98.4	98.4	80.0-120	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/12/25 18:33 • (MS) R4229608-5 06/12/25 18:42 • (MSD) R4229608-6 06/12/25 18:45

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	118	4.58	111	109	90.1	88.9	5	75.0-125			1.35	20
Barium	118	163	254	247	77.1	71.2	5	75.0-125		J6	2.78	20
Cadmium	118	0.230	116	116	98.4	98.5	5	75.0-125			0.0259	20
Copper	118	ND	119	116	101	98.1	5	75.0-125			2.80	20
Lead	118	ND	116	118	98.0	100	5	75.0-125			2.16	20
Nickel	118	ND	119	117	101	98.8	5	75.0-125			2.02	20
Selenium	118	0.316	107	106	90.2	90.0	5	75.0-125			0.193	20
Silver	23.6	ND	24.8	24.4	105	103	5	75.0-125			1.83	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/12/25 18:33 • (MS) R4229608-5 06/12/25 18:42 • (MSD) R4229608-6 06/12/25 18:45

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Zinc	118	ND	132	128	112	109	5	75.0-125			2.64	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227179-2 06/07/25 16:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4227179-1 06/07/25 14:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.75	95.0	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			111	77.0-120	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/07/25 19:43 • (MS) R4227179-3 06/07/25 23:42 • (MSD) R4227179-4 06/08/25 00:06

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	170	ND	160	164	94.4	96.8	25	10.0-151			2.51	28
(S) a,a,a-Trifluorotoluene(FID)					111	111		77.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227145-2 06/07/25 12:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	0.000422	U	0.000111	0.00500
Chloromethane	U		0.000960	0.00250
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100

1
Cp

2
Tc

3
Ss

4
Cn

5
Ds

6
Sr

7
Qc

8
Gl

9
Al

10
Sc

Method Blank (MB)

(MB) R4227145-2 06/07/25 12:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	99.8			80.0-120
(S) 4-Bromofluorobenzene	95.8			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4227145-1 06/07/25 12:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0237	94.8	19.0-160	
Acrolein	0.0250	0.0216	86.4	10.0-160	
Acrylonitrile	0.0250	0.0248	99.2	55.0-149	
Benzene	0.00500	0.00416	83.2	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R4227145-1 06/07/25 12:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	0.00500	0.00423	84.6	73.0-121	
Bromodichloromethane	0.00500	0.00465	93.0	75.0-120	
Bromoform	0.00500	0.00378	75.6	68.0-132	
Bromomethane	0.00500	0.00200	40.0	10.0-160	
n-Butylbenzene	0.00500	0.00450	90.0	73.0-125	
sec-Butylbenzene	0.00500	0.00464	92.8	75.0-125	
tert-Butylbenzene	0.00500	0.00437	87.4	76.0-124	
Carbon tetrachloride	0.00500	0.00470	94.0	68.0-126	
Chlorobenzene	0.00500	0.00401	80.2	80.0-121	
Chlorodibromomethane	0.00500	0.00437	87.4	77.0-125	
Chloroethane	0.00500	0.00303	60.6	47.0-150	
Chloroform	0.00500	0.00440	88.0	73.0-120	
Chloromethane	0.00500	0.00647	129	41.0-142	
2-Chlorotoluene	0.00500	0.00437	87.4	76.0-123	
4-Chlorotoluene	0.00500	0.00451	90.2	75.0-122	
1,2-Dibromo-3-Chloropropane	0.00500	0.00387	77.4	58.0-134	
1,2-Dibromoethane	0.00500	0.00416	83.2	80.0-122	
Dibromomethane	0.00500	0.00437	87.4	80.0-120	
1,2-Dichlorobenzene	0.00500	0.00426	85.2	79.0-121	
1,3-Dichlorobenzene	0.00500	0.00431	86.2	79.0-120	
1,4-Dichlorobenzene	0.00500	0.00426	85.2	79.0-120	
Dichlorodifluoromethane	0.00500	0.00361	72.2	51.0-149	
1,1-Dichloroethane	0.00500	0.00465	93.0	70.0-126	
1,2-Dichloroethane	0.00500	0.00447	89.4	70.0-128	
1,1-Dichloroethene	0.00500	0.00421	84.2	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00430	86.0	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00453	90.6	73.0-120	
1,2-Dichloropropane	0.00500	0.00447	89.4	77.0-125	
1,1-Dichloropropene	0.00500	0.00445	89.0	74.0-126	
1,3-Dichloropropane	0.00500	0.00438	87.6	80.0-120	
cis-1,3-Dichloropropene	0.00500	0.00444	88.8	80.0-123	
trans-1,3-Dichloropropene	0.00500	0.00457	91.4	78.0-124	
2,2-Dichloropropane	0.00500	0.00503	101	58.0-130	
Di-isopropyl ether	0.00500	0.00566	113	58.0-138	
Ethylbenzene	0.00500	0.00406	81.2	79.0-123	
Hexachloro-1,3-butadiene	0.00500	0.00440	88.0	54.0-138	
Isopropylbenzene	0.00500	0.00405	81.0	76.0-127	
p-Isopropyltoluene	0.00500	0.00448	89.6	76.0-125	
2-Butanone (MEK)	0.0250	0.0253	101	44.0-160	
Methylene Chloride	0.00500	0.00418	83.6	67.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4227145-1 06/07/25 12:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
4-Methyl-2-pentanone (MIBK)	0.0250	0.0288	115	68.0-142	
Methyl tert-butyl ether	0.00500	0.00440	88.0	68.0-125	
Naphthalene	0.00500	0.00378	75.6	54.0-135	
n-Propylbenzene	0.00500	0.00442	88.4	77.0-124	
Styrene	0.00500	0.00387	77.4	73.0-130	
1,1,1,2-Tetrachloroethane	0.00500	0.00418	83.6	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00473	94.6	65.0-130	
1,1,2-Trichlorotrifluoroethane	0.00500	0.00439	87.8	69.0-132	
Tetrachloroethene	0.00500	0.00404	80.8	72.0-132	
Toluene	0.00500	0.00396	79.2	79.0-120	
1,2,3-Trichlorobenzene	0.00500	0.00405	81.0	50.0-138	
1,2,4-Trichlorobenzene	0.00500	0.00406	81.2	57.0-137	
1,1,1-Trichloroethane	0.00500	0.00498	99.6	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00426	85.2	80.0-120	
Trichloroethene	0.00500	0.00416	83.2	78.0-124	
Trichlorofluoromethane	0.00500	0.00380	76.0	59.0-147	
1,2,3-Trichloropropane	0.00500	0.00503	101	73.0-130	
1,2,4-Trimethylbenzene	0.00500	0.00444	88.8	76.0-121	
1,2,3-Trimethylbenzene	0.00500	0.00446	89.2	77.0-120	
1,3,5-Trimethylbenzene	0.00500	0.00457	91.4	76.0-122	
Vinyl chloride	0.00500	0.00314	62.8	67.0-131	J4
Xylenes, Total	0.0150	0.0120	80.0	79.0-123	
(S) Toluene-d8			97.8	80.0-120	
(S) 4-Bromofluorobenzene			96.0	77.0-126	
(S) 1,2-Dichloroethane-d4			110	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227242-3 06/07/25 12:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.00100	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00500		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.0100	0.0100
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227242-3 06/07/25 12:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.0100	0.0100
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.100	0.100
(S) Toluene-d8	99.9			75.0-131
(S) 4-Bromofluorobenzene	97.9			67.0-138
(S) 1,2-Dichloroethane-d4	103			70.0-130

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

(LCS) R4227242-1 06/07/25 11:07 • (LCSD) R4227242-2 06/07/25 11:26

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 %
Acetone	0.625	0.691	0.584	111	93.4	10.0-160			16.8	31
Acrylonitrile	0.625	0.644	0.566	103	90.6	45.0-153			12.9	22
Benzene	0.125	0.113	0.120	90.4	96.0	70.0-123			6.01	20
Bromobenzene	0.125	0.116	0.119	92.8	95.2	73.0-121			2.55	20
Bromodichloromethane	0.125	0.111	0.116	88.8	92.8	73.0-121			4.41	20
Bromoform	0.125	0.118	0.115	94.4	92.0	64.0-132			2.58	20

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

(LCS) R4227242-1 06/07/25 11:07 • (LCSD) R4227242-2 06/07/25 11:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromomethane	0.125	0.0840	0.0968	67.2	77.4	56.0-147			14.2	20
n-Butylbenzene	0.125	0.113	0.121	90.4	96.8	68.0-135			6.84	20
sec-Butylbenzene	0.125	0.113	0.117	90.4	93.6	74.0-130			3.48	20
tert-Butylbenzene	0.125	0.116	0.119	92.8	95.2	75.0-127			2.55	20
Carbon tetrachloride	0.125	0.133	0.135	106	108	66.0-128			1.49	20
Chlorobenzene	0.125	0.116	0.118	92.8	94.4	76.0-128			1.71	20
Chlorodibromomethane	0.125	0.122	0.119	97.6	95.2	74.0-127			2.49	20
Chloroethane	0.125	0.101	0.103	80.8	82.4	61.0-134			1.96	20
Chloroform	0.125	0.116	0.122	92.8	97.6	72.0-123			5.04	20
Chloromethane	0.125	0.0944	0.102	75.5	81.6	51.0-138			7.74	20
2-Chlorotoluene	0.125	0.115	0.108	92.0	86.4	75.0-124			6.28	20
4-Chlorotoluene	0.125	0.114	0.118	91.2	94.4	75.0-124			3.45	20
1,2-Dibromo-3-Chloropropane	0.125	0.110	0.103	88.0	82.4	59.0-130			6.57	20
1,2-Dibromoethane	0.125	0.121	0.120	96.8	96.0	74.0-128			0.830	20
Dibromomethane	0.125	0.123	0.129	98.4	103	75.0-122			4.76	20
1,2-Dichlorobenzene	0.125	0.118	0.121	94.4	96.8	76.0-124			2.51	20
1,3-Dichlorobenzene	0.125	0.112	0.116	89.6	92.8	76.0-125			3.51	20
1,4-Dichlorobenzene	0.125	0.115	0.118	92.0	94.4	77.0-121			2.58	20
Dichlorodifluoromethane	0.125	0.0930	0.0948	74.4	75.8	43.0-156			1.92	20
1,1-Dichloroethane	0.125	0.112	0.117	89.6	93.6	70.0-127			4.37	20
1,2-Dichloroethane	0.125	0.122	0.126	97.6	101	65.0-131			3.23	20
1,1-Dichloroethene	0.125	0.121	0.130	96.8	104	65.0-131			7.17	20
cis-1,2-Dichloroethene	0.125	0.120	0.122	96.0	97.6	73.0-125			1.65	20
trans-1,2-Dichloroethene	0.125	0.115	0.120	92.0	96.0	71.0-125			4.26	20
1,2-Dichloropropane	0.125	0.112	0.114	89.6	91.2	74.0-125			1.77	20
1,1-Dichloropropene	0.125	0.115	0.125	92.0	100	73.0-125			8.33	20
1,3-Dichloropropane	0.125	0.118	0.117	94.4	93.6	80.0-125			0.851	20
cis-1,3-Dichloropropene	0.125	0.115	0.117	92.0	93.6	76.0-127			1.72	20
trans-1,3-Dichloropropene	0.125	0.118	0.119	94.4	95.2	73.0-127			0.844	20
2,2-Dichloropropane	0.125	0.126	0.123	101	98.4	59.0-135			2.41	20
Di-isopropyl ether	0.125	0.127	0.125	102	100	60.0-136			1.59	20
Ethylbenzene	0.125	0.118	0.120	94.4	96.0	74.0-126			1.68	20
Hexachloro-1,3-butadiene	0.125	0.120	0.123	96.0	98.4	57.0-150			2.47	20
Isopropylbenzene	0.125	0.117	0.118	93.6	94.4	72.0-127			0.851	20
p-Isopropyltoluene	0.125	0.112	0.115	89.6	92.0	72.0-133			2.64	20
2-Butanone (MEK)	0.625	0.758	0.627	121	100	30.0-160			18.9	24
Methylene Chloride	0.125	0.111	0.112	88.8	89.6	68.0-123			0.897	20
4-Methyl-2-pentanone (MIBK)	0.625	0.648	0.613	104	98.1	56.0-143			5.55	20
Methyl tert-butyl ether	0.125	0.126	0.119	101	95.2	66.0-132			5.71	20
n-Propylbenzene	0.125	0.117	0.121	93.6	96.8	74.0-126			3.36	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

(LCS) R4227242-1 06/07/25 11:07 • (LCSD) R4227242-2 06/07/25 11:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Styrene	0.125	0.115	0.114	92.0	91.2	72.0-127			0.873	20
1,1,1,2-Tetrachloroethane	0.125	0.114	0.107	91.2	85.6	74.0-129			6.33	20
1,1,2,2-Tetrachloroethane	0.125	0.114	0.110	91.2	88.0	68.0-128			3.57	20
1,1,2-Trichlorotrifluoroethane	0.125	0.125	0.130	100	104	61.0-139			3.92	20
Tetrachloroethene	0.125	0.129	0.133	103	106	70.0-136			3.05	20
Toluene	0.125	0.117	0.118	93.6	94.4	75.0-121			0.851	20
1,2,3-Trichlorobenzene	0.125	0.124	0.126	99.2	101	59.0-139			1.60	20
1,2,4-Trichlorobenzene	0.125	0.120	0.125	96.0	100	62.0-137			4.08	20
1,1,1-Trichloroethane	0.125	0.130	0.134	104	107	69.0-126			3.03	20
1,1,2-Trichloroethane	0.125	0.116	0.111	92.8	88.8	78.0-123			4.41	20
Trichloroethene	0.125	0.118	0.131	94.4	105	76.0-126			10.4	20
Trichlorofluoromethane	0.125	0.107	0.116	85.6	92.8	61.0-142			8.07	20
1,2,3-Trichloropropane	0.125	0.119	0.114	95.2	91.2	67.0-129			4.29	20
1,2,3-Trimethylbenzene	0.125	0.110	0.112	88.0	89.6	74.0-124			1.80	20
1,2,4-Trimethylbenzene	0.125	0.113	0.118	90.4	94.4	70.0-126			4.33	20
1,3,5-Trimethylbenzene	0.125	0.109	0.115	87.2	92.0	73.0-127			5.36	20
Vinyl chloride	0.125	0.0979	0.105	78.3	84.0	63.0-134			7.00	20
Xylenes, Total	0.375	0.354	0.362	94.4	96.5	72.0-127			2.23	20
(S) Toluene-d8				99.9	97.8	75.0-131				
(S) 4-Bromofluorobenzene				101	98.6	67.0-138				
(S) 1,2-Dichloroethane-d4				109	110	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227236-3 06/07/25 12:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.00100	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00420		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.0100	0.0100
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227236-3 06/07/25 12:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.0100	0.0100
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.100	0.100
(S) Toluene-d8	99.6			75.0-131
(S) 4-Bromofluorobenzene	101			67.0-138
(S) 1,2-Dichloroethane-d4	101			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

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

(LCS) R4227236-1 06/07/25 11:15 • (LCSD) R4227236-2 06/07/25 11:35

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 %
Acetone	0.625	0.678	0.676	108	108	10.0-160			0.295	31
Acrylonitrile	0.625	0.677	0.673	108	108	45.0-153			0.593	22
Benzene	0.125	0.122	0.119	97.6	95.2	70.0-123			2.49	20
Bromobenzene	0.125	0.117	0.116	93.6	92.8	73.0-121			0.858	20
Bromodichloromethane	0.125	0.122	0.118	97.6	94.4	73.0-121			3.33	20
Bromoform	0.125	0.109	0.113	87.2	90.4	64.0-132			3.60	20

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

(LCS) R4227236-1 06/07/25 11:15 • (LCSD) R4227236-2 06/07/25 11:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromomethane	0.125	0.0544	0.0558	43.5	44.6	56.0-147	J4	J4	2.54	20
n-Butylbenzene	0.125	0.123	0.129	98.4	103	68.0-135			4.76	20
sec-Butylbenzene	0.125	0.126	0.132	101	106	74.0-130			4.65	20
tert-Butylbenzene	0.125	0.124	0.128	99.2	102	75.0-127			3.17	20
Carbon tetrachloride	0.125	0.116	0.116	92.8	92.8	66.0-128			0.000	20
Chlorobenzene	0.125	0.113	0.114	90.4	91.2	76.0-128			0.881	20
Chlorodibromomethane	0.125	0.116	0.119	92.8	95.2	74.0-127			2.55	20
Chloroethane	0.125	0.101	0.0938	80.8	75.0	61.0-134			7.39	20
Chloroform	0.125	0.119	0.112	95.2	89.6	72.0-123			6.06	20
Chloromethane	0.125	0.0935	0.0891	74.8	71.3	51.0-138			4.82	20
2-Chlorotoluene	0.125	0.126	0.131	101	105	75.0-124			3.89	20
4-Chlorotoluene	0.125	0.125	0.125	100	100	75.0-124			0.000	20
1,2-Dibromo-3-Chloropropane	0.125	0.117	0.134	93.6	107	59.0-130			13.5	20
1,2-Dibromoethane	0.125	0.123	0.127	98.4	102	74.0-128			3.20	20
Dibromomethane	0.125	0.130	0.122	104	97.6	75.0-122			6.35	20
1,2-Dichlorobenzene	0.125	0.121	0.127	96.8	102	76.0-124			4.84	20
1,3-Dichlorobenzene	0.125	0.119	0.123	95.2	98.4	76.0-125			3.31	20
1,4-Dichlorobenzene	0.125	0.120	0.124	96.0	99.2	77.0-121			3.28	20
Dichlorodifluoromethane	0.125	0.0985	0.0962	78.8	77.0	43.0-156			2.36	20
1,1-Dichloroethane	0.125	0.129	0.122	103	97.6	70.0-127			5.58	20
1,2-Dichloroethane	0.125	0.120	0.117	96.0	93.6	65.0-131			2.53	20
1,1-Dichloroethene	0.125	0.124	0.119	99.2	95.2	65.0-131			4.12	20
cis-1,2-Dichloroethene	0.125	0.119	0.117	95.2	93.6	73.0-125			1.69	20
trans-1,2-Dichloroethene	0.125	0.119	0.118	95.2	94.4	71.0-125			0.844	20
1,2-Dichloropropane	0.125	0.121	0.120	96.8	96.0	74.0-125			0.830	20
1,1-Dichloropropene	0.125	0.135	0.129	108	103	73.0-125			4.55	20
1,3-Dichloropropane	0.125	0.126	0.128	101	102	80.0-125			1.57	20
cis-1,3-Dichloropropene	0.125	0.125	0.120	100	96.0	76.0-127			4.08	20
trans-1,3-Dichloropropene	0.125	0.119	0.124	95.2	99.2	73.0-127			4.12	20
2,2-Dichloropropane	0.125	0.128	0.122	102	97.6	59.0-135			4.80	20
Di-isopropyl ether	0.125	0.129	0.121	103	96.8	60.0-136			6.40	20
Ethylbenzene	0.125	0.123	0.127	98.4	102	74.0-126			3.20	20
Hexachloro-1,3-butadiene	0.125	0.109	0.122	87.2	97.6	57.0-150			11.3	20
Isopropylbenzene	0.125	0.125	0.126	100	101	72.0-127			0.797	20
p-Isopropyltoluene	0.125	0.128	0.132	102	106	72.0-133			3.08	20
2-Butanone (MEK)	0.625	0.726	0.757	116	121	30.0-160			4.18	24
Methylene Chloride	0.125	0.120	0.116	96.0	92.8	68.0-123			3.39	20
4-Methyl-2-pentanone (MIBK)	0.625	0.675	0.689	108	110	56.0-143			2.05	20
Methyl tert-butyl ether	0.125	0.133	0.127	106	102	66.0-132			4.62	20
n-Propylbenzene	0.125	0.123	0.123	98.4	98.4	74.0-126			0.000	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

(LCS) R4227236-1 06/07/25 11:15 • (LCSD) R4227236-2 06/07/25 11:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Styrene	0.125	0.134	0.133	107	106	72.0-127			0.749	20
1,1,1,2-Tetrachloroethane	0.125	0.123	0.123	98.4	98.4	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.126	0.128	101	102	68.0-128			1.57	20
1,1,2-Trichlorotrifluoroethane	0.125	0.133	0.129	106	103	61.0-139			3.05	20
Tetrachloroethene	0.125	0.116	0.121	92.8	96.8	70.0-136			4.22	20
Toluene	0.125	0.117	0.117	93.6	93.6	75.0-121			0.000	20
1,2,3-Trichlorobenzene	0.125	0.130	0.143	104	114	59.0-139			9.52	20
1,2,4-Trichlorobenzene	0.125	0.127	0.131	102	105	62.0-137			3.10	20
1,1,1-Trichloroethane	0.125	0.127	0.118	102	94.4	69.0-126			7.35	20
1,1,2-Trichloroethane	0.125	0.120	0.124	96.0	99.2	78.0-123			3.28	20
Trichloroethene	0.125	0.117	0.115	93.6	92.0	76.0-126			1.72	20
Trichlorofluoromethane	0.125	0.112	0.109	89.6	87.2	61.0-142			2.71	20
1,2,3-Trichloropropane	0.125	0.127	0.136	102	109	67.0-129			6.84	20
1,2,3-Trimethylbenzene	0.125	0.128	0.130	102	104	74.0-124			1.55	20
1,2,4-Trimethylbenzene	0.125	0.126	0.132	101	106	70.0-126			4.65	20
1,3,5-Trimethylbenzene	0.125	0.126	0.130	101	104	73.0-127			3.12	20
Vinyl chloride	0.125	0.104	0.101	83.2	80.8	63.0-134			2.93	20
Xylenes, Total	0.375	0.369	0.380	98.4	101	72.0-127			2.94	20
(S) Toluene-d8				99.7	99.2	75.0-131				
(S) 4-Bromofluorobenzene				99.1	101	67.0-138				
(S) 1,2-Dichloroethane-d4				106	98.8	70.0-130				

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/07/25 16:25 • (MS) R4227236-4 06/07/25 19:47 • (MSD) R4227236-5 06/07/25 20:07

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	0.849	ND	0.847	0.828	99.7	97.4	1	10.0-160			2.27	40
Acrylonitrile	0.849	ND	0.960	0.923	113	109	1	10.0-160			3.90	40
Benzene	0.170	0.00149	0.152	0.147	88.7	85.5	1	10.0-149			3.64	37
Bromobenzene	0.170	ND	0.152	0.148	89.6	87.2	1	10.0-156			2.71	38
Bromodichloromethane	0.170	ND	0.152	0.151	89.6	88.8	1	10.0-143			0.897	37
Bromoform	0.170	ND	0.136	0.129	80.0	76.2	1	10.0-146			4.92	36
Bromomethane	0.170	ND	0.0275	0.0326	16.2	19.2	1	10.0-149			17.2	38
n-Butylbenzene	0.170	ND	0.164	0.160	96.8	94.4	1	10.0-160			2.51	40
sec-Butylbenzene	0.170	ND	0.170	0.166	100	97.6	1	10.0-159			2.43	39
tert-Butylbenzene	0.170	ND	0.163	0.162	96.0	95.2	1	10.0-156			0.837	39
Carbon tetrachloride	0.170	ND	0.143	0.140	84.0	82.4	1	10.0-145			1.92	37
Chlorobenzene	0.170	ND	0.149	0.147	87.1	85.5	1	10.0-152			1.83	39

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/07/25 16:25 • (MS) R4227236-4 06/07/25 19:47 • (MSD) R4227236-5 06/07/25 20:07

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chlorodibromomethane	0.170	ND	0.141	0.137	83.2	80.8	1	10.0-146			2.93	37
Chloroethane	0.170	ND	0.102	0.641	60.3	378	1	10.0-146	J3 J5		145	40
Chloroform	0.170	0.00557	0.156	0.151	88.7	85.5	1	10.0-146			3.54	37
Chloromethane	0.170	ND	0.120	0.111	70.5	65.1	1	10.0-159			7.91	37
2-Chlorotoluene	0.170	ND	0.173	0.159	102	93.6	1	10.0-159			8.20	38
4-Chlorotoluene	0.170	ND	0.164	0.162	96.8	95.2	1	10.0-155			1.67	39
1,2-Dibromo-3-Chloropropane	0.170	ND	0.149	0.148	88.0	87.2	1	10.0-151			0.913	39
1,2-Dibromoethane	0.170	ND	0.152	0.148	89.6	87.2	1	10.0-148			2.71	34
Dibromomethane	0.170	ND	0.159	0.155	93.6	91.2	1	10.0-147			2.60	35
1,2-Dichlorobenzene	0.170	ND	0.164	0.160	96.8	94.4	1	10.0-155			2.51	37
1,3-Dichlorobenzene	0.170	ND	0.160	0.154	94.4	90.4	1	10.0-153			4.33	38
1,4-Dichlorobenzene	0.170	ND	0.155	0.154	90.2	89.4	1	10.0-151			0.881	38
Dichlorodifluoromethane	0.170	ND	0.145	0.130	85.6	76.3	1	10.0-160			11.5	35
1,1-Dichloroethane	0.170	ND	0.164	0.156	96.8	92.0	1	10.0-147			5.08	37
1,2-Dichloroethane	0.170	ND	0.155	0.148	91.2	87.2	1	10.0-148			4.48	35
1,1-Dichloroethene	0.170	ND	0.151	0.144	88.8	84.8	1	10.0-155			4.61	37
cis-1,2-Dichloroethene	0.170	ND	0.155	0.152	91.2	89.6	1	10.0-149			1.77	37
trans-1,2-Dichloroethene	0.170	ND	0.143	0.137	84.0	80.8	1	10.0-150			3.88	37
1,2-Dichloropropane	0.170	ND	0.163	0.156	96.0	92.0	1	10.0-148			4.26	37
1,1-Dichloropropene	0.170	ND	0.163	0.158	96.0	92.8	1	10.0-153			3.39	35
1,3-Dichloropropane	0.170	ND	0.164	0.158	96.8	92.8	1	10.0-154			4.22	35
cis-1,3-Dichloropropene	0.170	ND	0.159	0.152	93.6	89.6	1	10.0-151			4.37	37
trans-1,3-Dichloropropene	0.170	ND	0.154	0.149	90.4	88.0	1	10.0-148			2.69	37
2,2-Dichloropropane	0.170	ND	0.160	0.152	94.4	89.6	1	10.0-138			5.22	36
Di-isopropyl ether	0.170	ND	0.174	0.166	102	97.6	1	10.0-147			4.80	36
Ethylbenzene	0.170	ND	0.158	0.155	92.8	91.2	1	10.0-160			1.74	38
Hexachloro-1,3-butadiene	0.170	ND	0.166	0.152	97.6	89.6	1	10.0-160			8.55	40
Isopropylbenzene	0.170	ND	0.162	0.160	95.2	94.4	1	10.0-155			0.844	38
p-Isopropyltoluene	0.170	ND	0.169	0.166	99.2	97.6	1	10.0-160			1.63	40
2-Butanone (MEK)	0.849	ND	0.938	1.08	110	128	1	10.0-160			14.4	40
Methylene Chloride	0.170	ND	0.155	0.151	91.2	88.8	1	10.0-141			2.67	37
4-Methyl-2-pentanone (MIBK)	0.849	ND	0.870	0.836	102	98.4	1	10.0-160			3.98	35
Methyl tert-butyl ether	0.170	ND	0.185	0.171	109	101	1	11.0-147			7.63	35
n-Propylbenzene	0.170	ND	0.162	0.158	95.2	92.8	1	10.0-158			2.55	38
Styrene	0.170	ND	0.171	0.164	101	96.8	1	10.0-160			4.05	40
1,1,1,2-Tetrachloroethane	0.170	ND	0.155	0.148	91.2	87.2	1	10.0-149			4.48	39
1,1,2,2-Tetrachloroethane	0.170	ND	0.136	0.121	79.8	71.0	1	10.0-160			11.8	35
1,1,2-Trichlorotrifluoroethane	0.170	ND	0.182	0.170	107	100	1	10.0-160			6.95	36
Tetrachloroethene	0.170	ND	0.145	0.140	85.6	82.4	1	10.0-156			3.81	39

Cp

Tc

Ss

Cn

Ds

Sr

Qc

Gl

Al

Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/07/25 16:25 • (MS) R4227236-4 06/07/25 19:47 • (MSD) R4227236-5 06/07/25 20:07

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Toluene	0.170	ND	0.147	0.144	86.4	84.8	1	10.0-156			1.87	38
1,2,3-Trichlorobenzene	0.170	ND	0.174	0.179	102	106	1	10.0-160			3.08	40
1,2,4-Trichlorobenzene	0.170	ND	0.185	0.173	109	102	1	10.0-160			6.84	40
1,1,1-Trichloroethane	0.170	ND	0.156	0.148	92.0	87.2	1	10.0-144			5.36	35
1,1,2-Trichloroethane	0.170	ND	0.159	0.151	93.6	88.8	1	10.0-160			5.26	35
Trichloroethene	0.170	ND	0.171	0.163	101	96.0	1	10.0-156			4.88	38
Trichlorofluoromethane	0.170	ND	0.0386	0.0376	22.7	22.2	1	10.0-160			2.50	40
1,2,3-Trichloropropane	0.170	ND	0.169	0.152	99.2	89.6	1	10.0-156			10.2	35
1,2,3-Trimethylbenzene	0.170	ND	0.173	0.164	102	96.8	1	10.0-160			4.84	36
1,2,4-Trimethylbenzene	0.170	ND	0.166	0.164	97.6	96.8	1	10.0-160			0.823	36
1,3,5-Trimethylbenzene	0.170	ND	0.166	0.160	97.6	94.4	1	10.0-160			3.33	38
Vinyl chloride	0.170	ND	0.137	0.128	80.8	75.4	1	10.0-160			6.97	37
Xylenes, Total	0.510	ND	0.469	0.465	92.0	91.2	1	10.0-160			0.873	38
(S) Toluene-d8					96.8	97.3		75.0-131				
(S) 4-Bromofluorobenzene					97.4	99.5		67.0-138				
(S) 1,2-Dichloroethane-d4					103	105		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4227295-1 06/07/25 22:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.638	⬇	0.274	4.00
(S) o-Terphenyl	56.0			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4227295-2 06/07/25 23:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	31.3	62.6	50.0-150	
(S) o-Terphenyl			67.4	18.0-148	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 00:32 • (MS) R4227295-3 06/08/25 00:45 • (MSD) R4227295-4 06/08/25 00:59

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	58.0	6.75	44.3	44.9	64.8	65.8	1	50.0-150			1.32	20
(S) o-Terphenyl					69.7	71.8		18.0-148				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227316-2 06/07/25 23:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthylene	U		0.00567	0.0333
Benzidine	U		0.999	1.67
Benzo(g,h,i)perylene	U		0.00644	0.0333
Bis(2-chlorethoxy)methane	U		0.0361	0.333
Bis(2-chloroethyl)ether	U		0.0629	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0326	0.333
4-Bromophenyl-phenylether	U		0.0475	0.333
2-Chloronaphthalene	U		0.00496	0.0333
4-Chlorophenyl-phenylether	U		0.0475	0.333
1,2-Dichlorobenzene	U		0.0286	0.333
1,3-Dichlorobenzene	U		0.0290	0.333
1,4-Dichlorobenzene	U		0.0286	0.333
3,3-Dichlorobenzidine	U		0.127	0.333
2,4-Dinitrotoluene	U		0.0660	0.333
2,6-Dinitrotoluene	U		0.0628	0.333
Hexachlorobenzene	U		0.0544	0.333
Hexachloro-1,3-butadiene	U		0.0528	0.333
Hexachlorocyclopentadiene	U		0.102	0.333
Hexachloroethane	U		0.0410	0.333
Isophorone	U		0.0419	0.333
Nitrobenzene	U		0.0450	0.333
n-Nitrosodimethylamine	U		0.0782	0.333
n-Nitrosodiphenylamine	U		0.0427	0.333
n-Nitrosodi-n-propylamine	U		0.0528	0.333
Phenanthrene	U		0.00366	0.0333
Benzylbutyl phthalate	U		0.0645	0.333
Bis(2-ethylhexyl)phthalate	U		0.0657	0.333
Di-n-butyl phthalate	U		0.0448	0.333
Diethyl phthalate	U		0.0516	0.333
Dimethyl phthalate	U		0.0447	0.333
Di-n-octyl phthalate	U		0.147	0.333
1,2,4-Trichlorobenzene	U		0.0395	0.333
4-Chloro-3-methylphenol	U		0.0520	0.333
2-Chlorophenol	U		0.0346	0.333
2,4-Dichlorophenol	U		0.0439	0.333
2,4-Dimethylphenol	U		0.0691	0.333
4,6-Dinitro-2-methylphenol	U		0.102	0.333
2,4-Dinitrophenol	U		0.127	0.333
2-Nitrophenol	U		0.0494	0.333
4-Nitrophenol	U		0.106	0.333

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4227316-2 06/07/25 23:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pentachlorophenol	U		0.0623	0.333
Phenol	U		0.0567	0.333
2,4,6-Trichlorophenol	U		0.0796	0.333
(S) 2-Fluorophenol	67.3			12.0-120
(S) Phenol-d5	59.8			10.0-120
(S) Nitrobenzene-d5	61.9			10.0-122
(S) 2-Fluorobiphenyl	67.3			15.0-120
(S) 2,4,6-Tribromophenol	75.8			10.0-127
(S) p-Terphenyl-d14	80.8			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4227316-1 06/07/25 22:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	0.666	0.445	66.8	40.0-120	
Benzidine	1.33	U	0.000	10.0-120	J4
Benzo(g,h,i)perylene	0.666	0.498	74.8	43.0-120	
Bis(2-chlorethoxy)methane	0.666	0.347	52.1	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.400	60.1	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.222	33.3	23.0-120	
4-Bromophenyl-phenylether	0.666	0.589	88.4	40.0-120	
2-Chloronaphthalene	0.666	0.381	57.2	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.470	70.6	40.0-120	
1,2-Dichlorobenzene	0.666	0.372	55.9	32.0-120	
1,3-Dichlorobenzene	0.666	0.347	52.1	30.0-120	
1,4-Dichlorobenzene	0.666	0.373	56.0	31.0-120	
3,3-Dichlorobenzidine	1.33	1.17	88.0	28.0-120	
2,4-Dinitrotoluene	0.666	0.456	68.5	45.0-120	
2,6-Dinitrotoluene	0.666	0.452	67.9	42.0-120	
Hexachlorobenzene	0.666	0.513	77.0	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.454	68.2	15.0-120	
Hexachlorocyclopentadiene	0.666	0.199	29.9	15.0-120	
Hexachloroethane	0.666	0.343	51.5	17.0-120	
Isophorone	0.666	0.359	53.9	23.0-120	
Nitrobenzene	0.666	0.341	51.2	17.0-120	
n-Nitrosodimethylamine	0.666	0.518	77.8	10.0-125	
n-Nitrosodiphenylamine	0.666	0.446	67.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.372	55.9	26.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4227316-1 06/07/25 22:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Phenanthrene	0.666	0.455	68.3	42.0-120	
Benzylbutyl phthalate	0.666	0.483	72.5	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.482	72.4	41.0-120	
Di-n-butyl phthalate	0.666	0.485	72.8	43.0-120	
Diethyl phthalate	0.666	0.466	70.0	43.0-120	
Dimethyl phthalate	0.666	0.469	70.4	43.0-120	
Di-n-octyl phthalate	0.666	0.501	75.2	40.0-120	
1,2,4-Trichlorobenzene	0.666	0.429	64.4	17.0-120	
4-Chloro-3-methylphenol	0.666	0.415	62.3	28.0-120	
2-Chlorophenol	0.666	0.371	55.7	28.0-120	
2,4-Dichlorophenol	0.666	0.443	66.5	25.0-120	
2,4-Dimethylphenol	0.666	0.380	57.1	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.426	64.0	16.0-120	
2,4-Dinitrophenol	0.666	0.338	50.8	10.0-120	
2-Nitrophenol	0.666	0.410	61.6	20.0-120	
4-Nitrophenol	0.666	0.355	53.3	27.0-120	
Pentachlorophenol	0.666	0.421	63.2	29.0-120	
Phenol	0.666	0.387	58.1	28.0-120	
2,4,6-Trichlorophenol	0.666	0.469	70.4	37.0-120	
(S) 2-Fluorophenol			79.0	12.0-120	
(S) Phenol-d5			64.9	10.0-120	
(S) Nitrobenzene-d5			49.8	10.0-122	
(S) 2-Fluorobiphenyl			61.0	15.0-120	
(S) 2,4,6-Tribromophenol			87.7	10.0-127	
(S) p-Terphenyl-d14			82.0	10.0-120	

Cp

Tc

Ss

Cn

Ds

Sr

Qc

Gl

Al

Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 03:18 • (MS) R4227316-3 06/08/25 03:39 • (MSD) R4227316-4 06/08/25 04:00

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acenaphthylene	0.778	ND	0.482	0.509	62.0	65.9	2	25.0-120			5.47	32
Benzidine	1.32	ND	ND	ND	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	0.778	ND	0.487	0.454	62.6	58.7	2	10.0-120			7.02	33
Bis(2-chlorethoxy)methane	0.778	ND	ND	ND	50.6	52.1	2	10.0-120			2.37	34
Bis(2-chloroethyl)ether	0.778	ND	ND	ND	57.7	58.8	2	10.0-120			1.30	40
2,2-Oxybis(1-Chloropropane)	0.778	ND	ND	ND	27.3	28.7	2	10.0-120			4.35	40
4-Bromophenyl-phenylether	0.778	ND	ND	ND	77.4	77.4	2	27.0-120			0.589	30
2-Chloronaphthalene	0.778	ND	0.426	0.458	54.7	59.1	2	20.0-120			7.21	32

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 03:18 • (MS) R4227316-3 06/08/25 03:39 • (MSD) R4227316-4 06/08/25 04:00

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
4-Chlorophenyl-phenylether	0.778	ND	ND	ND	67.0	73.9	2	24.0-120			9.28	29
1,2-Dichlorobenzene	0.778	ND	ND	ND	50.2	52.3	2	10.0-120			3.56	38
1,3-Dichlorobenzene	0.778	ND	ND	ND	50.0	50.2	2	10.0-120			0.303	40
1,4-Dichlorobenzene	0.778	ND	ND	ND	50.5	53.4	2	10.0-120			4.98	39
3,3-Dichlorobenzidine	1.56	ND	0.886	1.03	56.9	66.5	2	10.0-120			14.8	34
2,4-Dinitrotoluene	0.778	ND	ND	ND	63.0	69.1	2	30.0-120			8.52	31
2,6-Dinitrotoluene	0.778	ND	ND	ND	61.2	61.4	2	25.0-120			0.248	31
Hexachlorobenzene	0.778	ND	ND	ND	67.6	65.9	2	27.0-120			3.19	28
Hexachloro-1,3-butadiene	0.778	ND	ND	ND	65.0	71.2	2	10.0-120			8.48	38
Hexachlorocyclopentadiene	0.778	ND	ND	ND	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Hexachloroethane	0.778	ND	ND	ND	34.5	36.9	2	10.0-120			5.96	40
Isophorone	0.778	ND	ND	ND	51.7	48.5	2	13.0-120			6.98	34
Nitrobenzene	0.778	ND	ND	ND	49.7	51.5	2	10.0-120			3.00	36
n-Nitrosodimethylamine	0.778	ND	ND	ND	32.1	40.4	2	10.0-127			22.2	40
n-Nitrosodiphenylamine	0.778	ND	ND	ND	60.2	61.3	2	17.0-120			1.25	29
n-Nitrosodi-n-propylamine	0.778	ND	ND	ND	48.2	48.9	2	10.0-120			0.939	37
Phenanthrene	0.778	ND	0.466	0.446	59.8	57.6	2	17.0-120			4.40	31
Benzylbutyl phthalate	0.778	ND	ND	ND	65.5	66.2	2	23.0-120			0.462	30
Bis(2-ethylhexyl)phthalate	0.778	ND	ND	ND	65.3	69.5	2	17.0-126			5.64	30
Di-n-butyl phthalate	0.778	ND	ND	ND	63.9	62.3	2	30.0-120			3.13	29
Diethyl phthalate	0.778	ND	ND	ND	68.2	72.6	2	26.0-120			5.62	28
Dimethyl phthalate	0.778	ND	ND	ND	63.2	66.0	2	25.0-120			3.76	29
Di-n-octyl phthalate	0.778	ND	ND	ND	79.1	80.5	2	21.0-123			1.14	29
1,2,4-Trichlorobenzene	0.778	ND	ND	ND	63.0	64.8	2	12.0-120			2.14	37
4-Chloro-3-methylphenol	0.778	ND	ND	ND	54.7	55.8	2	15.0-120			1.38	30
2-Chlorophenol	0.778	ND	ND	ND	48.8	54.3	2	15.0-120			10.0	37
2,4-Dichlorophenol	0.778	ND	ND	ND	61.2	62.7	2	20.0-120			1.72	31
2,4-Dimethylphenol	0.778	ND	ND	ND	52.4	51.8	2	10.0-120			1.75	33
4,6-Dinitro-2-methylphenol	0.778	ND	ND	ND	41.5	44.8	2	10.0-120			7.04	39
2,4-Dinitrophenol	0.778	ND	ND	ND	48.6	52.0	2	10.0-121			6.04	40
2-Nitrophenol	0.778	ND	ND	ND	61.7	62.2	2	12.0-120			0.245	39
4-Nitrophenol	0.778	ND	ND	ND	57.3	59.8	2	10.0-137			3.64	32
Pentachlorophenol	0.778	ND	ND	ND	73.0	72.9	2	10.0-160			0.833	31
Phenol	0.778	ND	ND	ND	33.2	42.5	2	12.0-120			24.1	38
2,4,6-Trichlorophenol	0.778	ND	ND	ND	64.1	68.8	2	19.0-120			6.41	32
(S) 2-Fluorophenol					62.4	66.0		12.0-120				
(S) Phenol-d5					31.7	45.8		10.0-120				
(S) Nitrobenzene-d5					50.3	50.0		10.0-122				
(S) 2-Fluorobiphenyl					55.2	62.8		15.0-120				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 03:18 • (MS) R4227316-3 06/08/25 03:39 • (MSD) R4227316-4 06/08/25 04:00

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
(S) 2,4,6-Tribromophenol					70.1	74.7		10.0-127				
(S) p-Terphenyl-d14					65.2	70.4		10.0-120				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

¹

Cp

²

Tc

³

Ss

⁴

Cn

⁵

Ds

⁶

Sr

⁷

Qc

⁸

Gl

⁹

Al

¹⁰

Sc

Method Blank (MB)

(MB) R4227414-2 06/07/25 23:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.0330	0.0330
Acenaphthene	U		0.0330	0.0330
Acenaphthylene	U		0.0330	0.0330
Benzo(a)anthracene	U		0.00600	0.00600
Benzo(a)pyrene	U		0.0330	0.0330
Benzo(b)fluoranthene	U		0.0330	0.0330
Benzo(g,h,i)perylene	U		0.0330	0.0330
Benzo(k)fluoranthene	U		0.0330	0.0330
Chrysene	U		0.0330	0.0330
Dibenz(a,h)anthracene	U		0.0330	0.0330
Fluoranthene	U		0.0330	0.0330
Fluorene	U		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	U		0.0330	0.0330
Naphthalene	U		0.00300	0.00300
Phenanthrene	U		0.0330	0.0330
Pyrene	U		0.0330	0.0330
1-Methylnaphthalene	U		0.00300	0.00300
2-Methylnaphthalene	U		0.0120	0.0120
(S) p-Terphenyl-d14	91.4			23.0-120
(S) Nitrobenzene-d5	68.6			14.0-149
(S) 2-Fluorobiphenyl	80.9			34.0-125

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Laboratory Control Sample (LCS)

(LCS) R4227414-1 06/07/25 23:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0708	88.5	50.0-126	
Acenaphthene	0.0800	0.0637	79.6	50.0-120	
Acenaphthylene	0.0800	0.0682	85.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0705	88.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0607	75.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0663	82.9	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0676	84.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0671	83.9	49.0-125	
Chrysene	0.0800	0.0702	87.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0702	87.8	47.0-125	
Fluoranthene	0.0800	0.0728	91.0	49.0-129	
Fluorene	0.0800	0.0712	89.0	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4227414-1 06/07/25 23:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0677	84.6	46.0-125	
Naphthalene	0.0800	0.0630	78.8	50.0-120	
Phenanthrene	0.0800	0.0697	87.1	47.0-120	
Pyrene	0.0800	0.0646	80.7	43.0-123	
1-Methylnaphthalene	0.0800	0.0667	83.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0657	82.1	50.0-120	
(S) p-Terphenyl-d14			99.4	23.0-120	
(S) Nitrobenzene-d5			82.9	14.0-149	
(S) 2-Fluorobiphenyl			90.5	34.0-125	

L1867315-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1867315-08 06/08/25 00:45 • (MS) R4227414-3 06/08/25 01:03 • (MSD) R4227414-4 06/08/25 01:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0929	ND	0.0665	0.0433	71.6	46.6	1	10.0-145		J3	42.3	30
Acenaphthene	0.0929	ND	0.0584	0.0395	62.8	42.5	1	14.0-127		J3	38.6	27
Acenaphthylene	0.0929	ND	0.0646	0.0460	69.5	49.5	1	21.0-124		J3	33.7	25
Benzo(a)anthracene	0.0929	ND	0.0639	0.0439	68.8	47.2	1	10.0-139		J3	37.2	30
Benzo(a)pyrene	0.0929	ND	0.0620	0.0428	66.8	46.1	1	10.0-141		J3	36.7	31
Benzo(b)fluoranthene	0.0929	ND	0.0563	ND	60.5	0.000	1	10.0-140		J3 J6	200	36
Benzo(g,h,i)perylene	0.0929	ND	0.0579	ND	62.3	0.000	1	10.0-140		J3 J6	200	33
Benzo(k)fluoranthene	0.0929	ND	0.0611	0.0445	65.7	47.8	1	10.0-137		J3	31.5	31
Chrysene	0.0929	ND	0.0672	0.0514	72.3	55.3	1	10.0-145			26.6	30
Dibenz(a,h)anthracene	0.0929	ND	0.0662	0.0488	71.2	52.5	1	10.0-132			30.2	31
Fluoranthene	0.0929	ND	0.0664	0.0416	71.4	44.8	1	10.0-153		J3	45.9	33
Fluorene	0.0929	ND	0.0662	0.0436	71.2	47.0	1	11.0-130		J3	41.0	29
Indeno(1,2,3-cd)pyrene	0.0929	ND	0.0585	0.0390	62.9	42.0	1	10.0-137		J3	39.9	32
Naphthalene	0.0929	ND	0.0597	0.0497	64.2	53.4	1	10.0-135			18.3	27
Phenanthrene	0.0929	ND	0.0650	0.0413	69.9	44.4	1	10.0-144		J3	44.6	31
Pyrene	0.0929	ND	0.0574	ND	61.8	0.000	1	10.0-148		J3 J6	200	35
1-Methylnaphthalene	0.0929	ND	0.0610	0.0447	65.6	48.1	1	10.0-142		J3	30.8	28
2-Methylnaphthalene	0.0929	ND	0.0600	0.0445	64.6	47.8	1	10.0-137		J3	29.8	28
(S) p-Terphenyl-d14					89.3	79.7		23.0-120				
(S) Nitrobenzene-d5					74.1	70.3		14.0-149				
(S) 2-Fluorobiphenyl					76.9	68.9		34.0-125				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

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

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
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.
J4	The associated batch QC was outside the established quality control range for accuracy.



GLOSSARY OF TERMS

Qualifier	Description
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
U	Below Detectable Limits: Indicates that the analyte was not detected.
V	The sample concentration is too high to evaluate accurate spike recoveries.

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

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.




D144

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122		CHAIN-OF-CUSTODY Analytical Request Document <small>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</small>		 Scan QR Code for instructions																																																																																																																																									
Company Name: CTEH, LLC Street Address: 5120 North Shore Drive, North Little Rock, AR 72118		Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman Phone #: E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com Cc E-Mail: ecatlin@cteh.com; mlinkerman@cteh.com		Specify Container Size ** <table border="1" style="width:100%; text-align: center;"> <tr> <td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>10</td><td>6</td><td></td><td></td><td></td> </tr> <tr> <td colspan="10">Identify Container Preservative Type**</td> </tr> <tr> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td><td></td><td></td> </tr> </table>		8oz	8oz	8oz	8oz	8oz	10	6				Identify Container Preservative Type**										1	1	1	1	1	1	1	4																																																																																																												
8oz	8oz	8oz	8oz			8oz	10	6																																																																																																																																					
Identify Container Preservative Type**																																																																																																																																													
1	1	1	1	1	1	1	4																																																																																																																																						
Customer Project #: PROJ-054017 Project Name: Bishop LOC Site Collection Info/Facility ID (as applicable): Galeton, CO		Invoice to: CTEH Invoice E-mail: ctehap@montrose-env.com Purchase Order # (if applicable): Quote #:																																																																																																																																											
Time Zone Collected: <input type="checkbox"/> AK <input type="checkbox"/> PT <input checked="" type="checkbox"/> MT <input type="checkbox"/> CT <input type="checkbox"/> ET Data Deliverables: <input checked="" type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> EQUIS <input type="checkbox"/> Other		Regulatory Program (DW, RCRA, etc.) as applicable: Reportable <input type="checkbox"/> Yes <input type="checkbox"/> No Rush (Pre-approval required): <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> Other 5 Day Date Results Requested:		County / State origin of sample(s): CO Analysis Requested: <table border="1" style="width:100%; text-align: center;"> <tr> <td>VOCs 8260D; TPH- GRO/DRO/ORO 8015D</td> <td>SVOCs: 8270E, PAH 8270E SIM</td> <td>Metals 6010D, 6020B, Cr 6 7199</td> <td>Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro</td> <td>TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod</td> <td>SAR USDA 20B; Hot Water Soluble Boron</td> <td>Radionuclides (U, Ra 226, RA 228) 901.1 - Bag</td> <td>VOCs 8260D</td> </tr> </table>		VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCs: 8270E, PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro	TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod	SAR USDA 20B; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																																																																																
VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCs: 8270E, PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro	TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod	SAR USDA 20B; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																																																																																						
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), V - for IV, Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)		Proj. Mgr: 546-Jared Starkey AcctNum / Client ID: CTEHER Table #: U3607315 Profile / Template: T275920 Prelog / Bottle Ord. ID: P1156679																																																																																																																																											
<table border="1" style="width:100%; text-align: center;"> <thead> <tr> <th rowspan="2">Customer Sample ID</th> <th rowspan="2">Matrix *</th> <th rowspan="2">Comp / Grab</th> <th colspan="2">Composite Start</th> <th colspan="2">Collected or Composite End</th> <th rowspan="2"># Cont.</th> <th colspan="2">Residual Chlorine</th> <th rowspan="2">VOCs 8260D; TPH- GRO/DRO/ORO 8015D</th> <th rowspan="2">SVOCs: 8270E, PAH 8270E SIM</th> <th rowspan="2">Metals 6010D, 6020B, Cr 6 7199</th> <th rowspan="2">Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro</th> <th rowspan="2">TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod</th> <th rowspan="2">SAR USDA 20B; Hot Water Soluble Boron</th> <th rowspan="2">Radionuclides (U, Ra 226, RA 228) 901.1 - Bag</th> <th rowspan="2">VOCs 8260D</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> <th>Result</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>GAC00606T164S001</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>0955</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164S002</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>1010</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164S003</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>1030</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164C003</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>1030</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164S004</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>1000</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164T001</td> <td>OT</td> <td>-</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>0700</td> <td>2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>X</td> <td>-</td> </tr> </tbody> </table>		Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCs: 8270E, PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro	TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod	SAR USDA 20B; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D	Date	Time	Date	Time	Result	Units	GAC00606T164S001	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	-	GAC00606T164S002	SS	G	-	-	6/6/2025	1010	5	-	-	X	X	X	X	X	X	X	X	-	GAC00606T164S003	SS	G	-	-	6/6/2025	1030	5	-	-	X	X	X	X	X	X	X	X	-	GAC00606T164C003	SS	G	-	-	6/6/2025	1030	5	-	-	X	X	X	X	X	X	X	X	-	GAC00606T164S004	SS	G	-	-	6/6/2025	1000	5	-	-	X	X	X	X	X	X	X	X	-	GAC00606T164T001	OT	-	-	-	6/6/2025	0700	2	-	-	-	-	-	-	-	-	-	X	-	Additional Instructions from Pace®: VOCs - full list including BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCs - full list plus PAHs Table 915-1, 1-methylnaphthalene, 2-methylnaphthalene; Metals by 6010D: Al, Sb, Be, Ca, Cr, Co, Fe, Mg, Mn, K, Na, Ti, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn	
Customer Sample ID	Matrix *				Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine									VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCs: 8270E, PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TN/NH/NH4 EPA 350.1, 351.2, 9056A, SM 4500 Nitro	TOC Walkley Black; pH 9045D/Sat. Paste; EC 9050A Mod	SAR USDA 20B; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																																																																		
		Date	Time	Date		Time	Result	Units																																																																																																																																					
GAC00606T164S001	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	-																																																																																																																											
GAC00606T164S002	SS	G	-	-	6/6/2025	1010	5	-	-	X	X	X	X	X	X	X	X	-																																																																																																																											
GAC00606T164S003	SS	G	-	-	6/6/2025	1030	5	-	-	X	X	X	X	X	X	X	X	-																																																																																																																											
GAC00606T164C003	SS	G	-	-	6/6/2025	1030	5	-	-	X	X	X	X	X	X	X	X	-																																																																																																																											
GAC00606T164S004	SS	G	-	-	6/6/2025	1000	5	-	-	X	X	X	X	X	X	X	X	-																																																																																																																											
GAC00606T164T001	OT	-	-	-	6/6/2025	0700	2	-	-	-	-	-	-	-	-	-	X	-																																																																																																																											
Relinquished by/Company: (Signature) J. Z. Starkey		Date/Time: 06/06/25 1800		Received by/Company: (Signature) PACE		Date/Time: 06/06/25 1800		Tracking Number:																																																																																																																																					
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		Delivered by: <input type="checkbox"/> In-Person <input type="checkbox"/> Courier																																																																																																																																					
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other																																																																																																																																					
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		Page: 1 of 4																																																																																																																																					

GAC00606T164S

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122		CHAIN-OF-CUSTODY Analytical Request Document <small>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</small>		 Scan QR Code for instructions																																						
Company Name: CTEH, LLC Street Address: 5120 North Shore Drive, North Little Rock, AR 72118		Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman Phone #: E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com Cx E-Mail: ecatlin@cteh.com; mlinkerman@cteh.com		Specify Container Size ** <table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>10</td><td>6</td><td></td><td></td> </tr> <tr> <td colspan="9">Identify Container Preservative Type***</td> </tr> <tr> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td><td></td> </tr> </table>		8oz	8oz	8oz	8oz	8oz	10	6			Identify Container Preservative Type***									1	1	1	1	1	1	1	4											
8oz	8oz	8oz	8oz			8oz	10	6																																		
Identify Container Preservative Type***																																										
1	1	1	1			1	1	1	4																																	
Customer Project #: PROJ-054017 Project Name: Bishop LOC Site Collection Info/Facility ID (as applicable): Galeton, CO		Invoice to: CTEH Invoice E-mail: ctehap@montrose-env.com Purchase Order # (if applicable): Quote #:																																								
Time Zone Collected: [] AK [] PT [<input checked="" type="checkbox"/>] MT [] CT [] ET Data Deliverables: <input checked="" type="checkbox"/> Level II [] Level III [] Level IV <input type="checkbox"/> EQUIS <input type="checkbox"/> Other		Regulatory Program (DW, RCRA, etc.) as applicable: Rush (Pre-approval required): <input type="checkbox"/> Same Day [] 1 Day [] 2 Day [] 3 Day [<input checked="" type="checkbox"/>] Other 5 Day Date Results Requested:		Reportable [] Yes [] No DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [] Yes [] No Analysis:																																						
<small>* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)</small>		County / State origin of sample(s): CO		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <td colspan="2">Proj. Mgr: 546-Jared Starkey</td> </tr> <tr> <td colspan="2">AcctNum / Client ID: CTEHER</td> </tr> <tr> <td colspan="2">Table #:</td> </tr> <tr> <td colspan="2">Profile / Template: T275920</td> </tr> <tr> <td colspan="2">Prelog / Bottle Ord. ID: P1156679</td> </tr> <tr> <td colspan="2">Sample Comment</td> </tr> </table>		Proj. Mgr: 546-Jared Starkey		AcctNum / Client ID: CTEHER		Table #:		Profile / Template: T275920		Prelog / Bottle Ord. ID: P1156679		Sample Comment																										
Proj. Mgr: 546-Jared Starkey																																										
AcctNum / Client ID: CTEHER																																										
Table #:																																										
Profile / Template: T275920																																										
Prelog / Bottle Ord. ID: P1156679																																										
Sample Comment																																										
<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>Customer Sample ID</th> <th>Matrix *</th> <th>Comp / Grab</th> <th colspan="2">Composite Start</th> <th colspan="2">Collected or Composite End</th> <th># Cont.</th> <th colspan="2">Residual Chlorine</th> <th colspan="10">Analysis Requested</th> </tr> <tr> <th></th> <th></th> <th></th> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> <th></th> <th>Result</th> <th>Units</th> <th>VOCs 8260D; TPH-GRO/DRO/ORO 8015D</th> <th>SVOCS 8270E; PAH 8270E SIM</th> <th>Metals 6010D, 6020B, Cr 6 7199</th> <th>Total N/KN/NH/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg</th> <th>TOC Walkley Black; pH 9045D/Sat.</th> <th>SAR USDA 208; Hot Water Paste; EC 9050A Mod</th> <th>Soluble Boron</th> <th>Radionuclides (U, Ra 226, RA 228) 901.1 - Bag</th> <th>VOCs 8260D</th> </tr> </table>		Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Analysis Requested													Date	Time	Date	Time		Result	Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/KN/NH/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	SAR USDA 208; Hot Water Paste; EC 9050A Mod	Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D	Volume for MS/MSD	
Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Analysis Requested																																
			Date	Time	Date	Time		Result	Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/KN/NH/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	SAR USDA 208; Hot Water Paste; EC 9050A Mod	Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																								
GAC00606T164S005	SS	G	-	-	6/6/2025	1030	13	-	-	X	X	X	X	X	X	X	X	-																								
GAC00606T164S006	SS	G	-	-	6/6/2025	1120	5	-	-	X	X	X	X	X	X	X	X	-																								
GAC00606T164S007	SS	G	-	-	6/6/2025	1015	5	-	-	X	X	X	X	X	X	X	X	-																								
GAC00606T164T002	OT	-	-	-	6/6/2025	0700	2	-	-	-	-	-	-	-	-	-	X																									
<div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">TF</div>																																										
Additional Instructions from Pace®: VOCs - full list including BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCS - full list plus PAHs Table 915-1, 1-methylnaphthalene, 2-methylnaphthalene; Metals by 6010D: Al, Sb, Be, Ca, Cr, Co, Fe, Mg, Mn, K, Na, Ti, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn		Collected By: Tristan Fontenot Printed Name: Tristan Fontenot Signature: <i>[Signature]</i>		Customer Remarks / Special Conditions / Possible Hazards:																																						
Relinquished by/Company: (Signature) <i>[Signature]</i> IE3 Relinquished by/Company: (Signature) Relinquished by/Company: (Signature) Relinquished by/Company: (Signature)		Date/Time: 06/06/25 1800 Date/Time: Date/Time: Date/Time:		Received by/Company: (Signature) PACE Received by/Company: (Signature) <i>[Signature]</i> PACE Received by/Company: (Signature) Received by/Company: (Signature)																																						
Date/Time: 06/06/25 1800 Date/Time: Date/Time: Date/Time:		Date/Time: 06/06/25 1800 Date/Time: 6/7/25 1015 Date/Time: Date/Time:		Tracking Number: Delivered by: [] In-Person [] Courier [] FedEx [] UPS [] Other Page: 2 of 4																																						

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122		CHAIN-OF-CUSTODY Analytical Request Document <small>Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields</small>		<div style="text-align: center;">  Scan QR Code for instructions </div>																																																																																																							
Company Name: CTEH, LLC Street Address: 5120 North Shore Drive, North Little Rock, AR 72118		Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tamr McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman Phone #: E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcnullin@cteh.com; ahenault@cteh.com Cc E-Mail: ecattlin@cteh.com; mklinkerman@cteh.com		<div style="text-align: center;"> Specify Container Size ** <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>8oz</td><td>10</td><td>6</td></tr> <tr> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td></tr> </table> </div> <div style="text-align: center;"> Identify Container Preservative Type*** <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>4</td></tr> </table> </div> <div style="text-align: center;"> Analysis Requested <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>VOCs 8260D; TPH- GRO/DRO/ORO 8015D</td> <td>SVOCS 8270E; PAH 8270E SIM</td> <td>Metals 6010D, 6020B, Cr 6 7199</td> <td>Total N/TKN/NH₄/NH₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg</td> <td>TOC Walkley Black; pH 9045D/Sat.</td> <td>Paste; EC 9050A Mod</td> <td>SAR USDA 208; Hot Water Soluble Boron</td> <td>Radionuclides (U, Ra 226, RA 228) 901.1 - Bag</td> <td>VOCs 8260D</td> </tr> </table> </div>		8oz	8oz	8oz	8oz	8oz	8oz	10	6	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	4	VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TKN/NH ₄ /NH ₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	Paste; EC 9050A Mod	SAR USDA 208; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																					
8oz	8oz	8oz	8oz			8oz	8oz	10	6																																																																																																		
1	1	1	1			1	1	1	4																																																																																																		
1	1	1	1	1	1	1	4																																																																																																				
VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TKN/NH ₄ /NH ₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	Paste; EC 9050A Mod	SAR USDA 208; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																																																			
Customer Project #: PROJ-054017 Project Name: Bishop LOC Site Collection Info/Facility ID (as applicable): Galeton, CO		Invoice to: CTEH Invoice E-mail: ctehap@montrose-env.com Purchase Order # (if applicable): Quote #:																																																																																																									
Time Zone Collected: [] AK [] PT [<input checked="" type="checkbox"/>] MT [] CT [] ET Data Deliverables: <input checked="" type="checkbox"/> Level II [] Level III [] Level IV <input type="checkbox"/> EQUIS <input type="checkbox"/> Other		Regulatory Program (DW, RCRA, etc.) as applicable: Rush (Pre-approval required): <input type="checkbox"/> Same Day [] 1 Day [] 2 Day [] 3 Day [<input checked="" type="checkbox"/>] Other 5 Day Date Results Requested:																																																																																																									
County / State origin of sample(s): CO		Reportable [] Yes [] No DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [] Yes [] No Analysis:																																																																																																									
<small>* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)</small>		Lab Use Only Proj. Mgr: 546-Jared Starkey AcctNum / Client ID: CTEHER Table #: Profile / Template: T275920 Prelag / Bottle Ord. ID: P1156679 Sample Comment: 16-17, 33 -17 -18-34 -18 -19, 35 -19 -20																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Customer Sample ID</th> <th rowspan="2">Matrix *</th> <th rowspan="2">Comp / Grab</th> <th colspan="2">Composite Start</th> <th colspan="2">Collected or Composite End</th> <th rowspan="2"># Cont.</th> <th colspan="2">Residual Chlorine</th> <th rowspan="2">VOCs 8260D; TPH- GRO/DRO/ORO 8015D</th> <th rowspan="2">SVOCS 8270E; PAH 8270E SIM</th> <th rowspan="2">Metals 6010D, 6020B, Cr 6 7199</th> <th rowspan="2">Total N/TKN/NH₄/NH₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg</th> <th rowspan="2">TOC Walkley Black; pH 9045D/Sat.</th> <th rowspan="2">Paste; EC 9050A Mod</th> <th rowspan="2">SAR USDA 208; Hot Water Soluble Boron</th> <th rowspan="2">Radionuclides (U, Ra 226, RA 228) 901.1 - Bag</th> <th rowspan="2">VOCs 8260D</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> <th>Result</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>GAC00606T164S012</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>0955</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164C012</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>0955</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164S013</td> <td>SS</td> <td>G</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>1040</td> <td>5</td> <td>-</td> <td>-</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>-</td> </tr> <tr> <td>GAC00606T164T004</td> <td>OT</td> <td>-</td> <td>-</td> <td>-</td> <td>6/6/2025</td> <td>0700</td> <td>2</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>X</td> </tr> </tbody> </table>		Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TKN/NH ₄ /NH ₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	Paste; EC 9050A Mod	SAR USDA 208; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D	Date	Time	Date	Time	Result	Units	GAC00606T164S012	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	X	-	GAC00606T164C012	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	X	-	GAC00606T164S013	SS	G	-	-	6/6/2025	1040	5	-	-	X	X	X	X	X	X	X	X	X	-	GAC00606T164T004	OT	-	-	-	6/6/2025	0700	2	-	-	-	-	-	-	-	-	-	-	X	Additional Instructions from Pace®: VOCs - full list including BTEX, 1,2,4-TMB, 1,3,5-TMB; SVOCS - full list plus PAHs Table 915-1, 1-methylnaphthalene, 2-methylnaphthalene; Metals by 6010D: Al, Sb, Be, Ca, Cr, Co, Fe, Mg, Mn, K, Na, Ti, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn	
Customer Sample ID	Matrix *				Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine										VOCs 8260D; TPH- GRO/DRO/ORO 8015D	SVOCS 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr 6 7199	Total N/TKN/NH ₄ /NH ₃ EPA 350.1, 351.2, 9056A, SM 4500 Norg	TOC Walkley Black; pH 9045D/Sat.	Paste; EC 9050A Mod	SAR USDA 208; Hot Water Soluble Boron	Radionuclides (U, Ra 226, RA 228) 901.1 - Bag	VOCs 8260D																																																																														
		Date	Time	Date		Time	Result	Units																																																																																																			
GAC00606T164S012	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	X	-																																																																																								
GAC00606T164C012	SS	G	-	-	6/6/2025	0955	5	-	-	X	X	X	X	X	X	X	X	X	-																																																																																								
GAC00606T164S013	SS	G	-	-	6/6/2025	1040	5	-	-	X	X	X	X	X	X	X	X	X	-																																																																																								
GAC00606T164T004	OT	-	-	-	6/6/2025	0700	2	-	-	-	-	-	-	-	-	-	-	X																																																																																									
Relinquished by/Company: (Signature) <i>Montrose</i> Relinquished by/Company: (Signature) Relinquished by/Company: (Signature) Relinquished by/Company: (Signature)		Collected By: <i>Jonathan Auer</i> Printed Name Signature Date/Time: 6/6/25 1800 Received by/Company: (Signature) <i>PAE</i> Date/Time: 6/7/25 1015		Customer Remarks / Special Conditions / Possible Hazards: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice Tracking Number: Delivered by: [] In-Person [] Courier [] FedEx [] UPS [] Other Page: 4 of 4																																																																																																							

Multiple Parcel Form

L# U8607315

[illegible]

Apt Solomov

Name _____

6/7/25

Date _____