ANALYTICAL REPORT

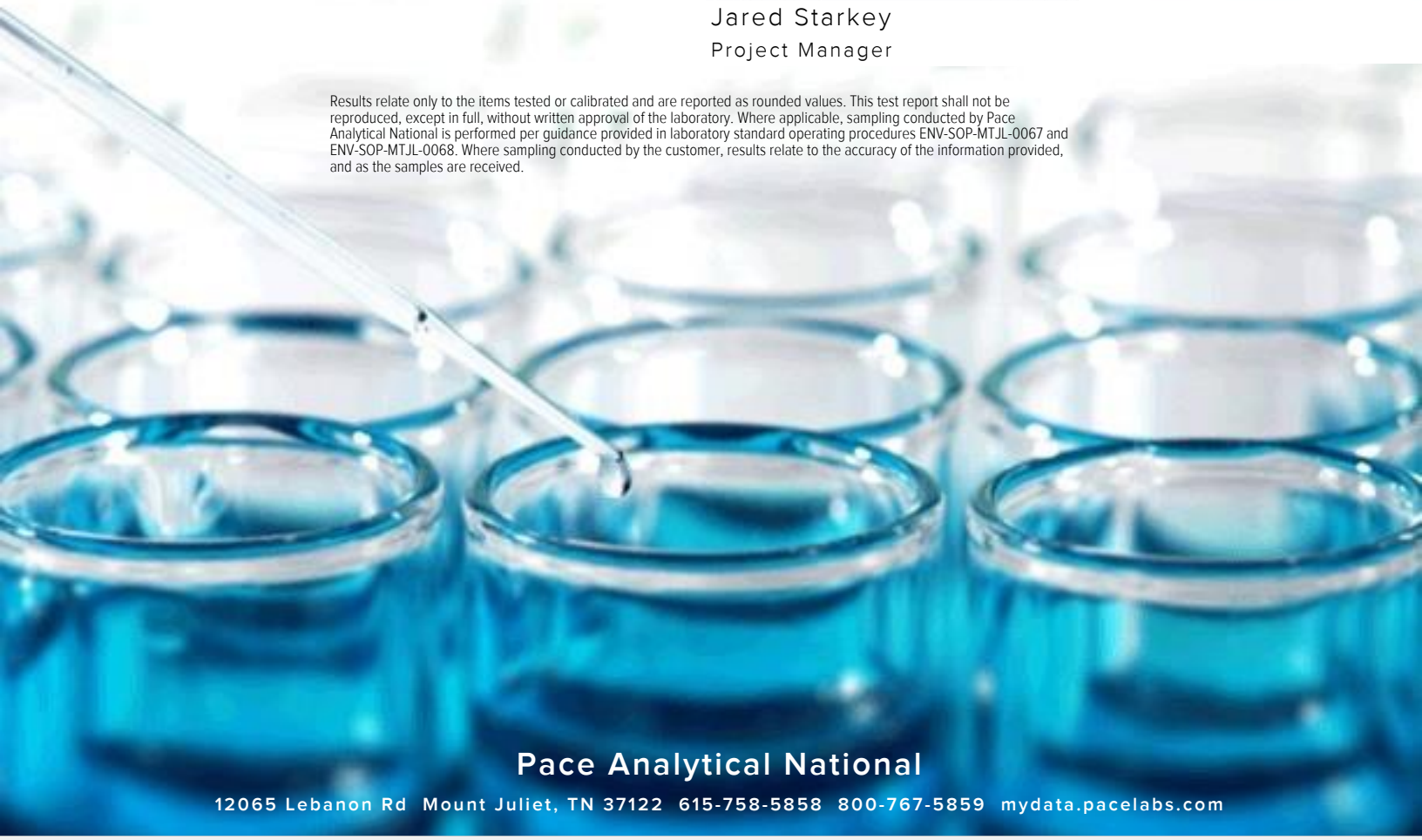
June 13, 2025

CTEH - ER

Sample Delivery Group:	L1866147
Samples Received:	06/05/2025
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



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

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GACO0604T078-1CRC003 L1866147-01

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:45 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:09	06/12/25 13:09	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/08/25 16:05	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/08/25 23:58	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2532957	10	06/07/25 10:59	06/08/25 16:05	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:05	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	5	06/05/25 14:14	06/07/25 02:02	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:22	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:06	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:14	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 15:50	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 17:54	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	5	06/05/25 21:26	06/06/25 12:57	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 03:14	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 04:11	KB	Mt. Juliet, TN

GACO0604T078-1CRS001 L1866147-02

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:11	06/12/25 13:11	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/08/25 16:07	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:00	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2532957	10	06/07/25 10:59	06/08/25 16:07	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:14	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	1	06/05/25 14:14	06/06/25 05:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:22	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:08	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:16	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 16:14	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 18:13	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	5	06/05/25 21:26	06/06/25 13:10	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 03:20	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 03:19	KB	Mt. Juliet, TN

GACO0604T078-1CRS002 L1866147-03

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:30 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:12	06/12/25 13:12	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/08/25 16:09	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:01	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2532957	10	06/07/25 10:59	06/08/25 16:09	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:23	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN

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

GACO0604T078-1CRS002 L1866147-03

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:30 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	5	06/05/25 14:14	06/06/25 06:00	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	9	06/05/25 17:26	06/06/25 14:23	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:09	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:17	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:23	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 16:38	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 18:32	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	1	06/05/25 21:26	06/06/25 12:45	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 02:32	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 02:09	KB	Mt. Juliet, TN

GACO0604T078-1CRS003 L1866147-04

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:45 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:14	06/12/25 13:14	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/08/25 16:11	JDW	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:03	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2532957	1	06/07/25 10:59	06/08/25 16:11	JDW	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:32	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	5	06/05/25 14:14	06/07/25 02:15	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:23	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:11	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:19	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 17:02	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 18:51	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	5	06/05/25 21:26	06/06/25 12:57	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 03:35	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 03:37	KB	Mt. Juliet, TN

GACO0604T078-1CRT001 L1866147-05

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 07:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531462	1	06/05/25 11:49	06/05/25 11:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531939	1	06/05/25 17:48	06/05/25 17:48	NCD	Mt. Juliet, TN

GACO0604T078-1CRS004 L1866147-06

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 12:05 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:15	06/12/25 13:15	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/09/25 16:43	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:09	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:43	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:41	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN

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

SAMPLE SUMMARY

GACO0604T078-1CRS004 L1866147-06

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 12:05 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	1	06/05/25 14:14	06/06/25 06:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	9	06/05/25 17:26	06/06/25 14:24	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:12	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:24	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 17:26	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 19:10	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	5	06/05/25 21:26	06/06/25 13:23	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 02:11	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 02:27	KB	Mt. Juliet, TN

GACO0604T078-1CRS005 L1866147-07

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 12:25 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:17	06/12/25 13:17	MAP	Mt. Juliet, TN
Calculated Results	WG2531593	1	06/05/25 14:14	06/09/25 15:52	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:10	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 15:52	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 17:59	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531593	1	06/05/25 14:14	06/06/25 06:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:24	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:14	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:26	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 17:50	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 19:28	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	10	06/05/25 21:26	06/06/25 13:10	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 01:50	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 01:00	KB	Mt. Juliet, TN

GACO0604T078-1CRS006 L1866147-08

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:40 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:19	06/12/25 13:19	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:47	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:12	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	10	06/09/25 13:44	06/09/25 16:47	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 14:32	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	5.25	06/05/25 16:30	06/06/25 01:03	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	10	06/05/25 16:11	06/06/25 14:51	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534606	1	06/11/25 19:07	06/11/25 23:16	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:08	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 18:13	AV	Mt. Juliet, TN

GACO0604T078-1CRS006 L1866147-08

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:40 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 19:47	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	5	06/05/25 21:26	06/06/25 13:23	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 02:53	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 03:02	KB	Mt. Juliet, TN

GACO0604T078-1CRT004 L1866147-09

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 07:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531462	1	06/05/25 12:09	06/05/25 12:09	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531939	1	06/05/25 18:10	06/05/25 18:10	NCD	Mt. Juliet, TN

GACO0604T078-1CRS012 L1866147-10

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:10 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:20	06/12/25 13:20	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:00	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:13	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:00	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 14:52	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.04	06/05/25 16:30	06/06/25 01:19	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	5	06/05/25 16:11	06/06/25 14:52	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536739	1	06/12/25 18:46	06/13/25 06:49	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:09	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 18:37	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 20:06	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	1	06/05/25 21:26	06/06/25 12:45	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 03:42	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 02:44	KB	Mt. Juliet, TN

GACO0604T078-1CRS013 L1866147-11

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 13:22	06/12/25 13:22	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:02	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:15	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:02	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 15:02	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1	06/05/25 16:30	06/06/25 01:36	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	5	06/05/25 16:11	06/06/25 14:52	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536739	1	06/12/25 18:46	06/13/25 06:51	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:11	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537266	5	06/12/25 17:46	06/13/25 00:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 19:00	AV	Mt. Juliet, TN

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

GACO0604T078-1CRS013 L1866147-11

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 20:25	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	20	06/05/25 21:26	06/06/25 14:40	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531932	2	06/05/25 18:16	06/06/25 04:03	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 03:54	KB	Mt. Juliet, TN

GACO0604T078-1CRC013 L1866147-12

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534602	1	06/12/25 12:41	06/12/25 12:41	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:03	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531364	1	06/05/25 10:01	06/05/25 10:24	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532200	1	06/06/25 06:47	06/09/25 00:16	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:03	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 15:11	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2536673	1	06/12/25 06:49	06/12/25 07:45	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2536689	1	06/12/25 06:59	06/12/25 13:05	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.02	06/05/25 16:30	06/06/25 01:52	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	5	06/05/25 16:11	06/06/25 14:52	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2536739	1	06/12/25 18:46	06/13/25 06:53	RLS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:16	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 10:57	06/05/25 19:25	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531541	1	06/05/25 10:57	06/05/25 20:44	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531927	20	06/05/25 21:26	06/06/25 14:52	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/06/25 01:29	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531921	1	06/05/25 16:56	06/06/25 04:29	KB	Mt. Juliet, TN

GACO0604T078-1CRS014 L1866147-13

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:20 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:02	06/10/25 08:02	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:05	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532201	1	06/07/25 09:14	06/08/25 22:52	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:05	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 15:21	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.03	06/05/25 16:30	06/06/25 02:08	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	10	06/05/25 16:11	06/06/25 14:56	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:26	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:18	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:18	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 19:49	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 15:33	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 07:06	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 22:39	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 03:23	KB	Mt. Juliet, TN

GACO0604T078-1CRS015 L1866147-14

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:04	06/10/25 08:04	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:07	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532201	1	06/07/25 09:14	06/08/25 22:58	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:07	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 18:26	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.02	06/05/25 16:30	06/06/25 02:25	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	9	06/05/25 17:26	06/06/25 14:24	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:28	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:27	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 20:13	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 15:55	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 08:48	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 23:00	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 03:59	KB	Mt. Juliet, TN

GACO0604T078-1CRS016 L1866147-15

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:05 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:05	06/10/25 08:05	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:09	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532201	1	06/07/25 09:14	06/08/25 22:59	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:09	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 18:35	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.05	06/05/25 16:30	06/06/25 02:41	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:24	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:30	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:29	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:30	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 20:37	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 16:17	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	2	06/05/25 21:24	06/06/25 15:13	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 23:21	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 03:41	KB	Mt. Juliet, TN

GACO0604T078-1CRS017 L1866147-16

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:07	06/10/25 08:07	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:11	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532201	1	06/07/25 09:14	06/08/25 23:01	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:11	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 18:44	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN

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

GACO0604T078-1CRS017 L1866147-16

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1	06/05/25 16:30	06/06/25 02:57	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	9	06/05/25 17:26	06/06/25 14:24	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:31	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:31	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 21:00	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 16:39	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 07:50	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 22:18	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 03:05	KB	Mt. Juliet, TN

GACO0604T078-1CRT003 L1866147-17

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 07:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531462	1	06/05/25 12:30	06/05/25 12:30	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531939	1	06/05/25 18:32	06/05/25 18:32	NCD	Mt. Juliet, TN

GACO0604T078-1CRS007 L1866147-18

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:09	06/10/25 08:09	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:17	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532203	1	06/07/25 09:09	06/09/25 01:17	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:17	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2532057	1	06/06/25 08:37	06/07/25 18:53	VSS	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1	06/05/25 16:30	06/06/25 03:14	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531983	5	06/05/25 17:26	06/06/25 14:25	DLS	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:33	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2533012	1	06/07/25 07:35	06/07/25 10:32	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 21:24	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 17:01	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 05:54	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 21:57	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 02:29	KB	Mt. Juliet, TN

GACO0604T078-1CRS008 L1866147-19

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:20 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:10	06/10/25 08:10	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 17:04	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532201	1	06/07/25 09:14	06/08/25 23:02	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	10	06/09/25 13:44	06/09/25 17:04	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 15:31	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN

GACO0604T078-1CRS008 L1866147-19

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:20 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.01	06/05/25 16:30	06/06/25 03:30	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	9	06/05/25 16:11	06/06/25 14:56	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:35	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 17:59	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 21:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 21:48	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 17:22	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 04:42	JAS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	5	06/05/25 21:24	06/06/25 13:45	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/06/25 00:25	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 04:53	KB	Mt. Juliet, TN

GACO0604T078-1CRS009 L1866147-20

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:50 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:12	06/10/25 08:12	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:24	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532203	1	06/07/25 09:09	06/09/25 01:19	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:24	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 16:40	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.03	06/05/25 16:30	06/06/25 04:52	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	17	06/05/25 16:11	06/06/25 14:57	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:36	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:19	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:40	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 22:12	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 17:44	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 08:04	JAS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	5	06/05/25 21:24	06/06/25 15:27	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 23:42	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 04:35	KB	Mt. Juliet, TN

GACO0604T078-1CRS010 L1866147-21

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:14	06/10/25 08:14	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:26	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532203	1	06/07/25 09:09	06/09/25 01:20	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:26	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 16:50	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.04	06/05/25 16:30	06/06/25 05:08	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	5	06/05/25 16:11	06/06/25 14:57	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:41	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:21	MAP	Mt. Juliet, TN

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

GACO0604T078-1CRS010 L1866147-21

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 22:36	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 18:06	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 06:08	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/06/25 00:04	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 04:17	KB	Mt. Juliet, TN

GACO0604T078-1CRS011 L1866147-22

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2534205	1	06/10/25 08:15	06/10/25 08:15	MAP	Mt. Juliet, TN
Calculated Results	WG2531719	1	06/05/25 16:30	06/09/25 16:28	KMB	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2531368	1	06/05/25 09:43	06/05/25 09:58	KDW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2532203	1	06/07/25 09:09	06/09/25 01:22	RTW	Mt. Juliet, TN
Wet Chemistry by Method 4500NOrg D-2021	WG2533834	5	06/09/25 13:44	06/09/25 16:28	KMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2531894	1	06/05/25 16:11	06/06/25 17:00	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG2534557	1	06/10/25 07:45	06/10/25 08:18	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG2534560	1	06/10/25 07:48	06/10/25 11:21	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2531719	1.02	06/05/25 16:30	06/06/25 05:24	ZSA	Mt. Juliet, TN
Wet Chemistry by Method WALKLEY-BLACK	WG2531907	9	06/05/25 16:11	06/06/25 14:58	JEG	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG2534217	1	06/09/25 22:04	06/10/25 08:43	MAP	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2531883	1	06/05/25 15:50	06/05/25 18:23	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2537271	5	06/12/25 17:41	06/12/25 22:46	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2531597	25	06/05/25 11:51	06/05/25 22:59	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531782	1	06/05/25 11:51	06/05/25 18:28	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2531930	1	06/05/25 21:24	06/06/25 06:52	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2531935	2	06/05/25 17:51	06/05/25 21:36	JTO	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2531924	1	06/05/25 23:07	06/06/25 02:47	KB	Mt. Juliet, TN

GACO0604T078-1CRT002 L1866147-23

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 07:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531462	1	06/05/25 12:50	06/05/25 12:50	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2531939	1	06/05/25 18:54	06/05/25 18:54	NCD	Mt. Juliet, TN

GACO0604T078-1CRC003 L1866147-24

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:45 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:01	DDD	Mt. Juliet, TN

GACO0604T078-1CRS001 L1866147-25

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:00 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:01	DDD	Mt. Juliet, TN

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

GACO0604T078-1CRS002 L1866147-26

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:30 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:01	DDD	Mt. Juliet, TN

GACO0604T078-1CRS003 L1866147-27

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:45 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:02	DDD	Mt. Juliet, TN

GACO0604T078-1CRS004 L1866147-28

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 12:05 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:02	DDD	Mt. Juliet, TN

GACO0604T078-1CRS005 L1866147-29

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 12:25 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:03	DDD	Mt. Juliet, TN

GACO0604T078-1CRS006 L1866147-30

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:40 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:52	DDD	Mt. Juliet, TN

GACO0604T078-1CRS012 L1866147-31

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:10 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:52	DDD	Mt. Juliet, TN

GACO0604T078-1CRS013 L1866147-32

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:52	DDD	Mt. Juliet, TN

GACO0604T078-1CRC013 L1866147-33

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:52	DDD	Mt. Juliet, TN

GACO0604T078-1CRS014 L1866147-34

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:20 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:53	DDD	Mt. Juliet, TN

GACO0604T078-1CRS015 L1866147-35

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:53	DDD	Mt. Juliet, TN

GACO0604T078-1CRS016 L1866147-36

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:05 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:51	DDD	Mt. Juliet, TN

GACO0604T078-1CRS017 L1866147-37

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:15 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 14:38	DDD	Mt. Juliet, TN

GACO0604T078-1CRS007 L1866147-38

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 14:39	DDD	Mt. Juliet, TN

GACO0604T078-1CRS008 L1866147-39

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:20 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 13:03	DDD	Mt. Juliet, TN

GACO0604T078-1CRS009 L1866147-40

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 11:50 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 14:40	DDD	Mt. Juliet, TN

GACO0604T078-1CRS010 L1866147-41

Collected by: Tristan Fontenot | Collected date/time: 06/04/25 10:55 | Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 14:40	DDD	Mt. Juliet, TN

SAMPLE SUMMARY

GACO0604T078-1CRS011 L1866147-42

Collected by: Tristan Fontenot
Collected date/time: 06/04/25 11:00
Received date/time: 06/05/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method DOE Ga-01-R/901.1	WG2532437	1	06/05/25 14:22	06/06/25 14:41	DDD	Mt. Juliet, TN

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

L1866147-02,-10,-11,-12,-13,-14,-15,-16,-18,-19,-20,-21,-22 - Benzidine is reporting with critically low recovery in the laboratory control samples. This compound is a method defined poor performer. Results are estimated.

Wet Chemistry by Method 350.1

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2532201	(DUP) R4227405-3	Ammonia Nitrogen

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

Batch	Lab Sample ID	Analytes
WG2532201	(MSD) R4227405-6, L1866147-19	Ammonia Nitrogen

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
WG2532957	(MS) R4227323-7	Kjeldahl Nitrogen, TKN
WG2533834	(MS) R4227765-3	Kjeldahl Nitrogen, TKN
WG2533834	(MS) R4227765-6	Kjeldahl Nitrogen, TKN
WG2533834	(MSD) R4227765-7	Kjeldahl Nitrogen, TKN

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2532957	(DUP) R4227323-6	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2532957	(MS) R4227323-7, L1866147-04	Kjeldahl Nitrogen, TKN

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

Batch	Lab Sample ID	Analytes
WG2532957	(MS) R4227323-3, (MSD) R4227323-4	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 4500NOrg D-2021

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

Batch	Lab Sample ID	Analytes
WG2533834	(MS) R4227765-3, (MS) R4227765-6, (MSD) R4227765-7	Kjeldahl Nitrogen, TKN

Wet Chemistry by Method 7199

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2532057	(DUP) R4227392-3	Hexavalent Chromium

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

Batch	Lab Sample ID	Analytes
WG2531894	(MS) R4226878-4, (MS) R4226878-7, (MSD) R4226878-5, L1866147-19	Hexavalent Chromium
WG2532057	(MS) R4227392-5, (MS) R4227392-7, (MSD) R4227392-6, L1866147-18	Hexavalent Chromium

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

Batch	Lab Sample ID	Analytes
WG2532057	(MSD) R4227392-6, L1866147-18	Hexavalent Chromium

Metals (ICP) by Method 6010D

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

Batch	Lab Sample ID	Analytes
WG2531883	(MS) R4226240-7, (MSD) R4226240-8, L1866147-19	Aluminum, Iron and Manganese

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

Batch	Lab Sample ID	Analytes
WG2531883	(MS) R4226240-7, (MSD) R4226240-8, L1866147-19	Calcium
WG2533012	(MS) R4227018-5, (MSD) R4227018-6	Aluminum, Calcium and Iron

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

Batch	Lab Sample ID	Analytes
WG2531883	(MSD) R4226240-8, L1866147-19	Magnesium
WG2533012	(MS) R4227018-5, (MSD) R4227018-6	Antimony, Magnesium, Manganese and Potassium

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

Batch	Lab Sample ID	Analytes
WG2531883	(MSD) R4226240-8, L1866147-19	Calcium
WG2533012	(MSD) R4227018-6	Aluminum, Iron, Magnesium, Manganese and Potassium

Metals (ICPMS) by Method 6020B

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
WG2537271	(MS) R4229672-5	Zinc
WG2537271	(MSD) R4229672-6	Zinc

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
WG2537271	L1866147-19	Arsenic

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
WG2531462	L1866147-05	1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, cis-1,3-Dichloropropene, Dichlorodifluoromethane and Naphthalene
WG2531462	L1866147-09	1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, cis-1,3-Dichloropropene, Dichlorodifluoromethane and Naphthalene
WG2531462	L1866147-17	1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, cis-1,3-Dichloropropene, Dichlorodifluoromethane and Naphthalene
WG2531462	L1866147-23	1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-Chloropropane, 2,2-Dichloropropane, cis-1,3-Dichloropropene, Dichlorodifluoromethane and Naphthalene
WG2531782	L1866147-13	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-14	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-15	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-16	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-18	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-19	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-20	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-21	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane
WG2531782	L1866147-22	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Bromomethane

The same analyte is found in the associated blank.

Batch	Analyte	Lab Sample ID
WG2531541	Chloroform	L1866147-01, 02, 03, 04, 06, 07, 08, 10, 11, 12

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

Batch	Lab Sample ID	Analytes
WG2531541	(LCS) R4226395-1, (LCSD) R4226395-2, L1866147-01, 02, 03, 04, 06, 07, 08, 10, 11, 12	2,2-Dichloropropane and 2-Butanone (MEK)
WG2531782	(LCSD) R4226429-2, L1866147-13, 14, 15, 16, 18, 19, 20, 21, 22	1,1-Dichloroethane

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

Batch	Lab Sample ID	Analytes
WG2531462	(LCS) R4226165-1, (LCSD) R4226165-2, L1866147-05, 09, 17, 23	1,2,4-Trichlorobenzene, cis-1,3-Dichloropropene and Naphthalene

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

Batch	Lab Sample ID	Analytes
WG2531541	(LCSD) R4226395-2, L1866147-01, 02, 03, 04, 06, 07, 08, 10, 11, 12	2-Butanone (MEK)
WG2531782	(LCSD) R4226429-2, L1866147-13, 14, 15, 16, 18, 20, 21, 22	Chloroethane and Dichlorodifluoromethane

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

Batch	Lab Sample ID	Analytes
WG2531782	(MSD) R4226429-5, L1866147-19	2,2-Dichloropropane, Acrylonitrile and cis-1,2-Dichloroethene

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

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2531927	o-Terphenyl	L1866147-11, 12

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

Batch	Lab Sample ID	Analytes
WG2531930	(MS) R4226530-3, (MSD) R4226530-4, L1866147-19	C10-C28 Diesel Range

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
WG2531932	L1866147-02	2,2-Oxybis(1-Chloropropane), Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2531932	L1866147-10	2,2-Oxybis(1-Chloropropane), Hexachlorocyclopentadiene and n-Nitrosodimethylamine
WG2531932	L1866147-11	2,2-Oxybis(1-Chloropropane), Hexachlorocyclopentadiene and n-Nitrosodimethylamine

The initial calibration verification standard (SSCV) associated with this data responded high.

Batch	Lab Sample ID	Analytes
WG2531932	L1866147-01	Hexachlorocyclopentadiene
WG2531932	L1866147-02	Hexachlorocyclopentadiene
WG2531932	L1866147-03	Hexachlorocyclopentadiene
WG2531932	L1866147-04	Hexachlorocyclopentadiene
WG2531932	L1866147-06	Hexachlorocyclopentadiene
WG2531932	L1866147-07	Hexachlorocyclopentadiene
WG2531932	L1866147-08	Hexachlorocyclopentadiene
WG2531935	L1866147-12	Hexachlorocyclopentadiene
WG2531935	L1866147-13	Hexachlorocyclopentadiene
WG2531935	L1866147-14	Hexachlorocyclopentadiene
WG2531935	L1866147-15	Hexachlorocyclopentadiene
WG2531935	L1866147-16	Hexachlorocyclopentadiene
WG2531935	L1866147-18	Hexachlorocyclopentadiene
WG2531935	L1866147-19	Hexachlorocyclopentadiene
WG2531935	L1866147-20	Hexachlorocyclopentadiene
WG2531935	L1866147-21	Hexachlorocyclopentadiene
WG2531935	L1866147-22	Hexachlorocyclopentadiene

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

Batch	Lab Sample ID	Analytes
WG2531932	(LCS) R4226405-1, L1866147-01, 02, 03, 04, 06, 07, 08, 10, 11	Benzidine
WG2531935	(LCS) R4226419-1, L1866147-12, 13, 14, 15, 16, 18, 19, 20, 21, 22	Benzidine

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

Batch	Lab Sample ID	Analytes
WG2531932	(MS) R4226405-3, (MSD) R4226405-4	Benzidine and Hexachlorocyclopentadiene
WG2531935	(MS) R4226419-3, (MSD) R4226419-4, L1866147-19	Benzidine and Hexachlorocyclopentadiene

Calculated Results

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0604T078-1CRC 003	L1866147-01	Total Nitrogen	1420		123	1	06/08/2025 16:05	WG2531593
GACO0604T078-1CRS 001	L1866147-02	Total Nitrogen	807		21.7	1	06/08/2025 16:07	WG2531593
GACO0604T078-1CRS 002	L1866147-03	Total Nitrogen	2100		108	1	06/08/2025 16:09	WG2531593
GACO0604T078-1CRS 003	L1866147-04	Total Nitrogen	785		25.8	1	06/08/2025 16:11	WG2531593
GACO0604T078-1CRS 004	L1866147-06	Total Nitrogen	4450		24.4	1	06/09/2025 16:43	WG2531593
GACO0604T078-1CRS 005	L1866147-07	Total Nitrogen	1320		22.3	1	06/09/2025 15:52	WG2531593
GACO0604T078-1CRS 006	L1866147-08	Total Nitrogen	6870		122	1	06/09/2025 16:47	WG2531719
GACO0604T078-1CRC 012	L1866147-10	Total Nitrogen	643		24.0	1	06/09/2025 16:00	WG2531719
GACO0604T078-1CRS 013	L1866147-11	Total Nitrogen	912		24.6	1	06/09/2025 16:02	WG2531719
GACO0604T078-1CRC 013	L1866147-12	Total Nitrogen	2330		23.3	1	06/09/2025 16:03	WG2531719
GACO0604T078-1CRS 014	L1866147-13	Total Nitrogen	3930		28.4	1	06/09/2025 16:05	WG2531719
GACO0604T078-1CRS 015	L1866147-14	Total Nitrogen	3710		25.3	1	06/09/2025 16:07	WG2531719
GACO0604T078-1CRS 016	L1866147-15	Total Nitrogen	3490		28.7	1	06/09/2025 16:09	WG2531719
GACO0604T078-1CRS 017	L1866147-16	Total Nitrogen	3060		26.9	1	06/09/2025 16:11	WG2531719
GACO0604T078-1CRS 007	L1866147-18	Total Nitrogen	3360		23.0	1	06/09/2025 16:17	WG2531719
GACO0604T078-1CRS 008	L1866147-19	Total Nitrogen	9320		23.9	1	06/09/2025 17:04	WG2531719
GACO0604T078-1CRS 009	L1866147-20	Total Nitrogen	4220		25.7	1	06/09/2025 16:24	WG2531719
GACO0604T078-1CRS 010	L1866147-21	Total Nitrogen	2000		23.5	1	06/09/2025 16:26	WG2531719
GACO0604T078-1CRS 011	L1866147-22	Total Nitrogen	2070		24.0	1	06/09/2025 16:28	WG2531719

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
GACO0604T078-1CRC 003	L1866147-24	Actinium-228 (Ra-228)	1.11		0.241	0.241	0.372	0.164	06/06/2025 13:01	WG2532437
GACO0604T078-1CRC 003	L1866147-24	Bismuth-214 (Ra-226)	0.691		0.157	0.157	0.212	0.0959	06/06/2025 13:01	WG2532437
GACO0604T078-1CRC 003	L1866147-24	Lead-214	0.782		0.162	0.162	0.198	0.0908	06/06/2025 13:01	WG2532437
GACO0604T078-1CRC 003	L1866147-24	Thorium-234 (U-238)	1.33	J	1.21	1.21	2.34	0.933	06/06/2025 13:01	WG2532437
GACO0604T078-1CRC 003	L1866147-24	Radium-226 (186 KeV)	1.30		0.680	0.680	1.19	0.559	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS 001	L1866147-25	Actinium-228 (Ra-228)	1.25		0.357	0.357	0.673	0.304	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS 001	L1866147-25	Bismuth-214 (Ra-226)	0.691		0.203	0.203	0.295	0.133	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS 001	L1866147-25	Lead-214	0.834		0.187	0.187	0.280	0.128	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS 001	L1866147-25	Thorium-234 (U-238)	1.95	J	1.72	1.72	3.05	1.22	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS 001	L1866147-25	Radium-226 (186 KeV)	1.19	J	0.979	0.979	1.78	0.839	06/06/2025 13:01	WG2532437

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
GACO0604T078-1CRS002	L1866147-26	Actinium-228 (Ra-228)	0.494		0.181	0.181	0.378	0.170	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS002	L1866147-26	Bismuth-214 (Ra-226)	0.349		0.128	0.128	0.213	0.0975	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS002	L1866147-26	Lead-214	0.385		0.114	0.114	0.192	0.0880	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS002	L1866147-26	Thorium-234 (U-238)	-1.12	U	1.10	1.10	2.44	0.967	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS002	L1866147-26	Radium-226 (186 KeV)	0.289	U	0.624	0.624	1.21	0.566	06/06/2025 13:01	WG2532437
GACO0604T078-1CRS003	L1866147-27	Actinium-228 (Ra-228)	1.18		0.320	0.320	0.527	0.222	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS003	L1866147-27	Bismuth-214 (Ra-226)	0.685		0.210	0.210	0.294	0.128	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS003	L1866147-27	Lead-214	0.709		0.176	0.176	0.280	0.125	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS003	L1866147-27	Thorium-234 (U-238)	1.38	J	1.28	1.28	2.49	0.972	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS003	L1866147-27	Radium-226 (186 KeV)	1.59		0.851	0.851	1.46	0.669	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS004	L1866147-28	Actinium-228 (Ra-228)	0.808		0.278	0.278	0.560	0.243	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS004	L1866147-28	Bismuth-214 (Ra-226)	0.758		0.191	0.191	0.234	0.101	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS004	L1866147-28	Lead-214	0.499		0.267	0.267	0.253	0.114	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS004	L1866147-28	Thorium-234 (U-238)	1.10	J	0.860	0.860	1.75	0.692	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS004	L1866147-28	Radium-226 (186 KeV)	0.338	U	0.736	0.736	1.30	0.603	06/06/2025 13:02	WG2532437
GACO0604T078-1CRS005	L1866147-29	Actinium-228 (Ra-228)	1.24		0.349	0.349	0.482	0.181	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS005	L1866147-29	Bismuth-214 (Ra-226)	0.802		0.248	0.248	0.314	0.132	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS005	L1866147-29	Lead-214	0.680		0.201	0.201	0.336	0.150	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS005	L1866147-29	Thorium-234 (U-238)	1.24	J	0.880	0.880	1.75	0.687	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS005	L1866147-29	Radium-226 (186 KeV)	1.33	J	0.959	0.959	1.58	0.725	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS006	L1866147-30	Actinium-228 (Ra-228)	0.599	J	0.281	0.281	0.648	0.288	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS006	L1866147-30	Bismuth-214 (Ra-226)	0.726		0.205	0.205	0.286	0.127	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS006	L1866147-30	Lead-214	0.567		0.168	0.168	0.288	0.131	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS006	L1866147-30	Thorium-234 (U-238)	1.30	J	0.995	0.995	2.12	0.847	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS006	L1866147-30	Radium-226 (186 KeV)	1.57		0.799	0.799	1.33	0.614	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS012	L1866147-31	Actinium-228 (Ra-228)	0.740		0.189	0.189	0.337	0.151	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS012	L1866147-31	Bismuth-214 (Ra-226)	0.666		0.136	0.136	0.171	0.0775	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS012	L1866147-31	Lead-214	0.749		0.141	0.141	0.162	0.0743	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS012	L1866147-31	Thorium-234 (U-238)	1.34	J	1.03	1.03	1.99	0.795	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS012	L1866147-31	Radium-226 (186 KeV)	0.837	J	0.622	0.622	1.13	0.537	06/06/2025 13:52	WG2532437

DETECTION SUMMARY

Radiochemistry by Method DOE Ga-01-R/901.1

Client ID	Lab Sample ID	Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
			pCi/g		+ / -	+ / -	pCi/g	pCi/g	date / time	
GACO0604T078-1CRS013	L1866147-32	Actinium-228 (Ra-228)	1.12		0.339	0.339	0.636	0.282	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS013	L1866147-32	Bismuth-214 (Ra-226)	0.486		0.202	0.202	0.327	0.147	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS013	L1866147-32	Lead-214	0.769		0.183	0.183	0.273	0.123	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS013	L1866147-32	Thorium-234 (U-238)	1.66	J	1.53	1.53	3.10	1.23	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS013	L1866147-32	Radium-226 (186 KeV)	1.33	J	0.940	0.940	1.68	0.785	06/06/2025 13:52	WG2532437
GACO0604T078-1CRC013	L1866147-33	Actinium-228 (Ra-228)	0.964		0.245	0.245	0.423	0.189	06/06/2025 13:52	WG2532437
GACO0604T078-1CRC013	L1866147-33	Bismuth-214 (Ra-226)	0.667		0.168	0.168	0.244	0.112	06/06/2025 13:52	WG2532437
GACO0604T078-1CRC013	L1866147-33	Lead-214	0.605		0.153	0.153	0.246	0.114	06/06/2025 13:52	WG2532437
GACO0604T078-1CRC013	L1866147-33	Thorium-234 (U-238)	-1.85	U	1.44	1.44	3.06	1.21	06/06/2025 13:52	WG2532437
GACO0604T078-1CRC013	L1866147-33	Radium-226 (186 KeV)	0.110	U	0.780	0.780	1.52	0.718	06/06/2025 13:52	WG2532437
GACO0604T078-1CRS014	L1866147-34	Actinium-228 (Ra-228)	0.721		0.267	0.267	0.504	0.210	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS014	L1866147-34	Bismuth-214 (Ra-226)	0.583		0.207	0.207	0.302	0.132	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS014	L1866147-34	Lead-214	0.667		0.175	0.175	0.280	0.125	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS014	L1866147-34	Thorium-234 (U-238)	0.0990	U	1.08	1.08	2.44	0.950	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS014	L1866147-34	Radium-226 (186 KeV)	0.140	U	0.767	0.767	1.51	0.696	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS015	L1866147-35	Actinium-228 (Ra-228)	1.05		0.300	0.300	0.530	0.225	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS015	L1866147-35	Bismuth-214 (Ra-226)	0.844		0.209	0.209	0.255	0.110	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS015	L1866147-35	Lead-214	1.42		0.189	0.189	0.248	0.111	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS015	L1866147-35	Thorium-234 (U-238)	-0.437	U	0.810	0.810	2.05	0.814	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS015	L1866147-35	Radium-226 (186 KeV)	0.591	J	0.757	0.757	1.31	0.605	06/06/2025 13:53	WG2532437
GACO0604T078-1CRS016	L1866147-36	Actinium-228 (Ra-228)	0.738		0.232	0.232	0.420	0.183	06/06/2025 13:51	WG2532437
GACO0604T078-1CRS016	L1866147-36	Bismuth-214 (Ra-226)	0.527		0.148	0.148	0.200	0.0886	06/06/2025 13:51	WG2532437
GACO0604T078-1CRS016	L1866147-36	Lead-214	0.603		0.123	0.123	0.166	0.0748	06/06/2025 13:51	WG2532437
GACO0604T078-1CRS016	L1866147-36	Thorium-234 (U-238)	0.962	J	0.651	0.651	1.19	0.469	06/06/2025 13:51	WG2532437
GACO0604T078-1CRS016	L1866147-36	Radium-226 (186 KeV)	1.39		0.622	0.622	0.982	0.457	06/06/2025 13:51	WG2532437
GACO0604T078-1CRS017	L1866147-37	Actinium-228 (Ra-228)	0.834		0.217	0.217	0.350	0.153	06/06/2025 14:38	WG2532437
GACO0604T078-1CRS017	L1866147-37	Bismuth-214 (Ra-226)	0.565		0.149	0.149	0.218	0.0988	06/06/2025 14:38	WG2532437
GACO0604T078-1CRS017	L1866147-37	Lead-214	0.598		0.150	0.150	0.202	0.0926	06/06/2025 14:38	WG2532437
GACO0604T078-1CRS017	L1866147-37	Thorium-234 (U-238)	0.162	U	1.02	1.02	2.32	0.923	06/06/2025 14:38	WG2532437
GACO0604T078-1CRS017	L1866147-37	Radium-226 (186 KeV)	0.369	U	0.668	0.668	1.27	0.599	06/06/2025 14:38	WG2532437

Radiochemistry by Method DOE Ga-01-R/901.1

Client ID	Lab Sample ID	Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
			pCi/g		+ / -	+ / -	pCi/g	pCi/g	date / time	
GACO0604T078-1CRS007	L1866147-38	Actinium-228 (Ra-228)	0.862		0.350	0.350	0.778	0.348	06/06/2025 14:39	WG2532437
GACO0604T078-1CRS007	L1866147-38	Bismuth-214 (Ra-226)	0.616		0.226	0.226	0.352	0.158	06/06/2025 14:39	WG2532437
GACO0604T078-1CRS007	L1866147-38	Lead-214	0.720		0.194	0.194	0.302	0.137	06/06/2025 14:39	WG2532437
GACO0604T078-1CRS007	L1866147-38	Thorium-234 (U-238)	1.29	U	1.57	1.57	3.24	1.28	06/06/2025 14:39	WG2532437
GACO0604T078-1CRS007	L1866147-38	Radium-226 (186 KeV)	0.617	U	0.982	0.982	1.85	0.865	06/06/2025 14:39	WG2532437
GACO0604T078-1CRS008	L1866147-39	Actinium-228 (Ra-228)	0.878		0.224	0.224	0.340	0.144	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS008	L1866147-39	Bismuth-214 (Ra-226)	0.576		0.144	0.144	0.183	0.0807	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS008	L1866147-39	Lead-214	0.635		0.118	0.118	0.166	0.0750	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS008	L1866147-39	Thorium-234 (U-238)	1.18		0.655	0.655	1.08	0.424	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS008	L1866147-39	Radium-226 (186 KeV)	0.720	J	0.606	0.606	1.03	0.481	06/06/2025 13:03	WG2532437
GACO0604T078-1CRS009	L1866147-40	Actinium-228 (Ra-228)	0.955		0.258	0.258	0.485	0.216	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS009	L1866147-40	Bismuth-214 (Ra-226)	0.662		0.178	0.178	0.264	0.120	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS009	L1866147-40	Lead-214	0.536		0.156	0.156	0.258	0.118	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS009	L1866147-40	Thorium-234 (U-238)	-2.77	U	1.76	1.76	3.53	1.40	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS009	L1866147-40	Radium-226 (186 KeV)	0.943	J	0.904	0.904	1.68	0.790	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS010	L1866147-41	Actinium-228 (Ra-228)	0.756		0.248	0.248	0.467	0.198	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS010	L1866147-41	Bismuth-214 (Ra-226)	0.545		0.168	0.168	0.223	0.0954	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS010	L1866147-41	Lead-214	0.646		0.146	0.146	0.204	0.0892	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS010	L1866147-41	Thorium-234 (U-238)	-0.516	U	1.05	1.05	2.39	0.939	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS010	L1866147-41	Radium-226 (186 KeV)	1.20	J	0.697	0.697	1.21	0.552	06/06/2025 14:40	WG2532437
GACO0604T078-1CRS011	L1866147-42	Actinium-228 (Ra-228)	0.761		0.237	0.237	0.420	0.179	06/06/2025 14:41	WG2532437
GACO0604T078-1CRS011	L1866147-42	Bismuth-214 (Ra-226)	0.698		0.175	0.175	0.226	0.0993	06/06/2025 14:41	WG2532437
GACO0604T078-1CRS011	L1866147-42	Lead-214	0.481		0.238	0.238	0.213	0.0963	06/06/2025 14:41	WG2532437
GACO0604T078-1CRS011	L1866147-42	Thorium-234 (U-238)	1.19	J	0.795	0.795	1.57	0.623	06/06/2025 14:41	WG2532437
GACO0604T078-1CRS011	L1866147-42	Radium-226 (186 KeV)	0.852	J	0.639	0.639	1.06	0.493	06/06/2025 14:41	WG2532437

Wet Chemistry by Method 350.1

Client ID	Lab Sample ID	Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
			mg/kg		mg/kg		date / time	
GACO0604T078-1CRS001	L1866147-02	Ammonia Nitrogen	32.0		10.8	1	06/09/2025 00:00	WG2532200

Wet Chemistry by Method 4500NOrg D-2021

Client ID	Lab Sample ID	Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
			mg/kg		mg/kg		date / time	
GACO0604T078-1CRC003	L1866147-01	Kjeldahl Nitrogen, TKN	1280		246	10	06/08/2025 16:05	WG2532957

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
GACO0604T078-1CRS 001	L1866147-02	Kjeldahl Nitrogen, TKN	792		217	10	06/08/2025 16:07	WG2532957
GACO0604T078-1CRS 002	L1866147-03	Kjeldahl Nitrogen, TKN	2080		215	10	06/08/2025 16:09	WG2532957
GACO0604T078-1CRS 003	L1866147-04	Kjeldahl Nitrogen, TKN	575	J5	25.8	1	06/08/2025 16:11	WG2532957
GACO0604T078-1CRS 004	L1866147-06	Kjeldahl Nitrogen, TKN	4390		122	5	06/09/2025 16:43	WG2533834
GACO0604T078-1CRS 005	L1866147-07	Kjeldahl Nitrogen, TKN	1310		111	5	06/09/2025 15:52	WG2533834
GACO0604T078-1CRS 006	L1866147-08	Kjeldahl Nitrogen, TKN	6580		232	10	06/09/2025 16:47	WG2533834
GACO0604T078-1CRS 012	L1866147-10	Kjeldahl Nitrogen, TKN	568		115	5	06/09/2025 16:00	WG2533834
GACO0604T078-1CRS 013	L1866147-11	Kjeldahl Nitrogen, TKN	900		123	5	06/09/2025 16:02	WG2533834
GACO0604T078-1CRC 013	L1866147-12	Kjeldahl Nitrogen, TKN	2310		114	5	06/09/2025 16:03	WG2533834
GACO0604T078-1CRS 014	L1866147-13	Kjeldahl Nitrogen, TKN	3890		138	5	06/09/2025 16:05	WG2533834
GACO0604T078-1CRS 015	L1866147-14	Kjeldahl Nitrogen, TKN	3690		124	5	06/09/2025 16:07	WG2533834
GACO0604T078-1CRS 016	L1866147-15	Kjeldahl Nitrogen, TKN	3470		137	5	06/09/2025 16:09	WG2533834
GACO0604T078-1CRS 017	L1866147-16	Kjeldahl Nitrogen, TKN	3030		135	5	06/09/2025 16:11	WG2533834
GACO0604T078-1CRS 007	L1866147-18	Kjeldahl Nitrogen, TKN	3340		115	5	06/09/2025 16:17	WG2533834
GACO0604T078-1CRS 008	L1866147-19	Kjeldahl Nitrogen, TKN	9290		237	10	06/09/2025 17:04	WG2533834
GACO0604T078-1CRS 009	L1866147-20	Kjeldahl Nitrogen, TKN	4170		125	5	06/09/2025 16:24	WG2533834
GACO0604T078-1CRS 010	L1866147-21	Kjeldahl Nitrogen, TKN	1960		113	5	06/09/2025 16:26	WG2533834
GACO0604T078-1CRS 011	L1866147-22	Kjeldahl Nitrogen, TKN	2020		118	5	06/09/2025 16:28	WG2533834

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
GACO0604T078-1CRS 001	L1866147-02	Hexavalent Chromium	0.279		0.217	1	06/07/2025 17:14	WG2532057

Wet Chemistry by Method 9050AMod

Client ID	Lab Sample ID	Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
GACO0604T078-1CRC 003	L1866147-01	Specific Conductance	1500	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 001	L1866147-02	Specific Conductance	176	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 002	L1866147-03	Specific Conductance	812	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 003	L1866147-04	Specific Conductance	2060	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 004	L1866147-06	Specific Conductance	929	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 005	L1866147-07	Specific Conductance	301	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 006	L1866147-08	Specific Conductance	1880	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 012	L1866147-10	Specific Conductance	810	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS 013	L1866147-11	Specific Conductance	567	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Wet Chemistry by Method 9050AMod

Client ID	Lab Sample ID	Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
GACO0604T078-1CRC013	L1866147-12	Specific Conductance	613	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689
GACO0604T078-1CRS014	L1866147-13	Specific Conductance	1370	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS015	L1866147-14	Specific Conductance	579	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS016	L1866147-15	Specific Conductance	515	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS017	L1866147-16	Specific Conductance	520	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS007	L1866147-18	Specific Conductance	541	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS008	L1866147-19	Specific Conductance	636	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS009	L1866147-20	Specific Conductance	708	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS010	L1866147-21	Specific Conductance	598	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560
GACO0604T078-1CRS011	L1866147-22	Specific Conductance	651	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Wet Chemistry by Method 9056A

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
GACO0604T078-1CRC003	L1866147-01	Nitrate-Nitrite	145		123	5	06/07/2025 02:02	WG2531593
GACO0604T078-1CRS003	L1866147-04	Nitrate-Nitrite	209		129	5	06/07/2025 02:15	WG2531593
GACO0604T078-1CRS004	L1866147-06	Nitrate-Nitrite	62.7		24.4	1	06/06/2025 06:25	WG2531593
GACO0604T078-1CRS006	L1866147-08	Nitrate-Nitrite	282		122	5.25	06/06/2025 01:03	WG2531719
GACO0604T078-1CRS012	L1866147-10	Nitrate-Nitrite	75.5		24.0	1.04	06/06/2025 01:19	WG2531719
GACO0604T078-1CRS014	L1866147-13	Nitrate-Nitrite	44.0		28.4	1.03	06/06/2025 02:08	WG2531719
GACO0604T078-1CRS017	L1866147-16	Nitrate-Nitrite	34.1		26.9	1	06/06/2025 02:57	WG2531719
GACO0604T078-1CRS008	L1866147-19	Nitrate-Nitrite	29.5		23.9	1.01	06/06/2025 03:30	WG2531719
GACO0604T078-1CRS009	L1866147-20	Nitrate-Nitrite	48.0		25.7	1.03	06/06/2025 04:52	WG2531719
GACO0604T078-1CRS010	L1866147-21	Nitrate-Nitrite	42.9		23.5	1.04	06/06/2025 05:08	WG2531719
GACO0604T078-1CRS011	L1866147-22	Nitrate-Nitrite	44.9		24.0	1.02	06/06/2025 05:24	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Client ID	Lab Sample ID	Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
GACO0604T078-1CRC003	L1866147-01	TOC By Walkley Black	34500		500	5	06/06/2025 14:22	WG2531983
GACO0604T078-1CRS001	L1866147-02	TOC By Walkley Black	13300		500	5	06/06/2025 14:22	WG2531983
GACO0604T078-1CRS002	L1866147-03	TOC By Walkley Black	32700		900	9	06/06/2025 14:23	WG2531983
GACO0604T078-1CRS003	L1866147-04	TOC By Walkley Black	32200		500	5	06/06/2025 14:23	WG2531983
GACO0604T078-1CRS004	L1866147-06	TOC By Walkley Black	45900		900	9	06/06/2025 14:24	WG2531983
GACO0604T078-1CRS005	L1866147-07	TOC By Walkley Black	11200		500	5	06/06/2025 14:24	WG2531983
GACO0604T078-1CRS006	L1866147-08	TOC By Walkley Black	46900		1000	10	06/06/2025 14:51	WG2531907

Wet Chemistry by Method WALKLEY-BLACK

Client ID	Lab Sample ID	Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
GACO0604T078-1CRS 012	L1866147-10	TOC By Walkley Black	4530		500	5	06/06/2025 14:52	WG2531907
GACO0604T078-1CRS 013	L1866147-11	TOC By Walkley Black	14900		500	5	06/06/2025 14:52	WG2531907
GACO0604T078-1CRC 013	L1866147-12	TOC By Walkley Black	15700		500	5	06/06/2025 14:52	WG2531907
GACO0604T078-1CRS 014	L1866147-13	TOC By Walkley Black	57000		1000	10	06/06/2025 14:56	WG2531907
GACO0604T078-1CRS 015	L1866147-14	TOC By Walkley Black	26600		900	9	06/06/2025 14:24	WG2531983
GACO0604T078-1CRS 016	L1866147-15	TOC By Walkley Black	20300		500	5	06/06/2025 14:24	WG2531983
GACO0604T078-1CRS 017	L1866147-16	TOC By Walkley Black	28200		900	9	06/06/2025 14:24	WG2531983
GACO0604T078-1CRS 007	L1866147-18	TOC By Walkley Black	33100		500	5	06/06/2025 14:25	WG2531983
GACO0604T078-1CRS 008	L1866147-19	TOC By Walkley Black	46300		900	9	06/06/2025 14:56	WG2531907
GACO0604T078-1CRS 009	L1866147-20	TOC By Walkley Black	53900		1700	17	06/06/2025 14:57	WG2531907
GACO0604T078-1CRS 010	L1866147-21	TOC By Walkley Black	16500		500	5	06/06/2025 14:57	WG2531907
GACO0604T078-1CRS 011	L1866147-22	TOC By Walkley Black	12400		900	9	06/06/2025 14:58	WG2531907

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
GACO0604T078-1CRC 003	L1866147-01	Hot Water Sol. Boron	1.66		0.200	1	06/11/2025 23:06	WG2534606
GACO0604T078-1CRS 001	L1866147-02	Hot Water Sol. Boron	0.293		0.200	1	06/11/2025 23:08	WG2534606
GACO0604T078-1CRS 002	L1866147-03	Hot Water Sol. Boron	0.764		0.200	1	06/11/2025 23:09	WG2534606
GACO0604T078-1CRS 003	L1866147-04	Hot Water Sol. Boron	2.18		0.200	1	06/11/2025 23:11	WG2534606
GACO0604T078-1CRS 004	L1866147-06	Hot Water Sol. Boron	1.28		0.200	1	06/11/2025 23:12	WG2534606
GACO0604T078-1CRS 005	L1866147-07	Hot Water Sol. Boron	0.783		0.200	1	06/11/2025 23:14	WG2534606
GACO0604T078-1CRS 006	L1866147-08	Hot Water Sol. Boron	3.95		0.200	1	06/11/2025 23:16	WG2534606
GACO0604T078-1CRS 012	L1866147-10	Hot Water Sol. Boron	0.837		0.200	1	06/13/2025 06:49	WG2536739
GACO0604T078-1CRS 013	L1866147-11	Hot Water Sol. Boron	0.760		0.200	1	06/13/2025 06:51	WG2536739
GACO0604T078-1CRC 013	L1866147-12	Hot Water Sol. Boron	1.02		0.200	1	06/13/2025 06:53	WG2536739
GACO0604T078-1CRS 014	L1866147-13	Hot Water Sol. Boron	2.66		0.200	1	06/10/2025 08:26	WG2534217
GACO0604T078-1CRS 015	L1866147-14	Hot Water Sol. Boron	1.76		0.200	1	06/10/2025 08:28	WG2534217
GACO0604T078-1CRS 016	L1866147-15	Hot Water Sol. Boron	0.954		0.200	1	06/10/2025 08:30	WG2534217
GACO0604T078-1CRS 017	L1866147-16	Hot Water Sol. Boron	1.52		0.200	1	06/10/2025 08:31	WG2534217
GACO0604T078-1CRS 007	L1866147-18	Hot Water Sol. Boron	1.24		0.200	1	06/10/2025 08:33	WG2534217
GACO0604T078-1CRS 008	L1866147-19	Hot Water Sol. Boron	1.83		0.200	1	06/10/2025 08:35	WG2534217
GACO0604T078-1CRS 009	L1866147-20	Hot Water Sol. Boron	1.45		0.200	1	06/10/2025 08:36	WG2534217
GACO0604T078-1CRS 010	L1866147-21	Hot Water Sol. Boron	0.823		0.200	1	06/10/2025 08:41	WG2534217
GACO0604T078-1CRS 011	L1866147-22	Hot Water Sol. Boron	1.13		0.200	1	06/10/2025 08:43	WG2534217

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
GACO0604T078-1CRC 003	L1866147-01	Aluminum	4400		24.6	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Beryllium	0.461		0.246	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Calcium	12800		123	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Chromium	5.37		1.23	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Cobalt	3.97		1.23	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Iron	7640		12.3	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Magnesium	2370		123	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Manganese	236		1.23	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Potassium	2940		123	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Sodium	137		123	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRC 003	L1866147-01	Vanadium	14.2		2.46	1	06/07/2025 10:14	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Aluminum	2250		21.7	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Calcium	1810		108	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Chromium	3.03		1.08	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Cobalt	1.71		1.08	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Iron	4090		10.8	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Magnesium	820		108	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Manganese	114		1.08	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Potassium	897		108	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 001	L1866147-02	Vanadium	6.25		2.17	1	06/07/2025 10:16	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Aluminum	1500		21.5	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Calcium	3170		108	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Chromium	2.77		1.08	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Cobalt	1.33		1.08	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Iron	3950		10.8	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Magnesium	839		108	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Manganese	117		1.08	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Potassium	1450		108	1	06/07/2025 10:17	WG2533012
GACO0604T078-1CRS 002	L1866147-03	Vanadium	5.45		2.15	1	06/07/2025 10:17	WG2533012

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
GACO0604T078-1CRS 003	L1866147-04	Aluminum	4600		25.8	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Beryllium	0.464		0.258	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Calcium	13800		129	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Chromium	5.49		1.29	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Cobalt	4.23		1.29	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Iron	7440		12.9	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Magnesium	2550		129	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Manganese	231		1.29	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Potassium	3250		129	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Sodium	140		129	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 003	L1866147-04	Vanadium	13.7		2.58	1	06/07/2025 10:19	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Aluminum	2090		24.4	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Calcium	6710		122	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Chromium	7.97		1.22	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Cobalt	1.85		1.22	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Iron	4210		12.2	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Magnesium	1500		122	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Manganese	146		1.22	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Potassium	2320		122	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 004	L1866147-06	Vanadium	6.87		2.44	1	06/07/2025 10:24	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Aluminum	2290		22.3	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Beryllium	0.263		0.223	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Calcium	3440		111	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Chromium	2.83		1.11	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Cobalt	2.00		1.11	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Iron	4800		11.1	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Magnesium	1020		111	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Manganese	153		1.11	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Potassium	1250		111	1	06/07/2025 10:26	WG2533012
GACO0604T078-1CRS 005	L1866147-07	Vanadium	7.31		2.23	1	06/07/2025 10:26	WG2533012

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
GACO0604T078-1CRS 006	L1866147-08	Aluminum	4430		23.2	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Beryllium	0.480		0.232	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Calcium	22100		116	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Chromium	5.67		1.16	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Cobalt	3.73		1.16	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Iron	8050		11.6	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Magnesium	2790		116	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Manganese	268		1.16	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Potassium	4370		116	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Sodium	181		116	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 006	L1866147-08	Vanadium	13.9		2.32	1	06/05/2025 18:08	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Aluminum	3250		23.0	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Beryllium	0.342		0.230	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Calcium	17500		115	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Chromium	3.54		1.15	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Cobalt	2.75		1.15	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Iron	5570		11.5	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Magnesium	2180		115	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Manganese	145		1.15	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Potassium	1970		115	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Sodium	127		115	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 012	L1866147-10	Vanadium	11.0		2.30	1	06/05/2025 18:09	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Aluminum	1860		24.6	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Calcium	2690		123	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Chromium	2.31		1.23	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Cobalt	1.65		1.23	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Iron	2320		12.3	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Magnesium	877		123	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Manganese	99.6		1.23	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Potassium	1580		123	1	06/05/2025 18:11	WG2531883
GACO0604T078-1CRS 013	L1866147-11	Vanadium	5.41		2.46	1	06/05/2025 18:11	WG2531883

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
GACO0604T078-1CRC 013	L1866147-12	Aluminum	2800		22.8	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Beryllium	0.309		0.228	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Calcium	3860		114	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Chromium	3.74		1.14	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Cobalt	2.79		1.14	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Iron	4490		11.4	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Magnesium	1310		114	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Manganese	156		1.14	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Potassium	2210		114	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Sodium	144		114	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRC 013	L1866147-12	Vanadium	8.99		2.28	1	06/05/2025 18:16	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Aluminum	1830		27.5	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Calcium	7080		138	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Chromium	2.30		1.38	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Cobalt	1.69		1.38	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Iron	2930		13.8	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Magnesium	1270		138	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Manganese	119		1.38	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Potassium	1890		138	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 014	L1866147-13	Vanadium	5.78		2.75	1	06/05/2025 18:18	WG2531883
GACO0604T078-1CRS 015	L1866147-14	Aluminum	3190		24.8	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Beryllium	0.315		0.248	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Calcium	13800		124	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Chromium	4.05		1.24	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Cobalt	2.70		1.24	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Iron	5490		12.4	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Magnesium	2090		124	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Manganese	157		1.24	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Potassium	2130		124	1	06/07/2025 10:27	WG2533012
GACO0604T078-1CRS 015	L1866147-14	Vanadium	10.6		2.48	1	06/07/2025 10:27	WG2533012

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
GACO0604T078-1CRS 016	L1866147-15	Aluminum	2620		27.3	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Beryllium	0.279		0.273	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Calcium	5360		137	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Chromium	5.31		1.37	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Cobalt	2.38		1.37	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Iron	4970		13.7	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Magnesium	1430		137	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Manganese	167		1.37	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Potassium	1890		137	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 016	L1866147-15	Vanadium	9.02		2.73	1	06/07/2025 10:29	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Aluminum	3010		26.9	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Beryllium	0.315		0.269	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Calcium	7470		135	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Chromium	4.24		1.35	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Cobalt	2.65		1.35	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Iron	6310		13.5	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Magnesium	1600		135	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Manganese	183		1.35	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Potassium	1920		135	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 017	L1866147-16	Vanadium	9.92		2.69	1	06/07/2025 10:31	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Aluminum	3320		23.0	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Beryllium	0.385		0.230	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Calcium	11900		115	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Chromium	4.30		1.15	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Cobalt	3.27		1.15	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Iron	5940		11.5	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Magnesium	1950		115	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Manganese	226		1.15	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Potassium	2730		115	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Sodium	123		115	1	06/07/2025 10:32	WG2533012
GACO0604T078-1CRS 007	L1866147-18	Vanadium	11.1		2.30	1	06/07/2025 10:32	WG2533012

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
GACO0604T078-1CRS 008	L1866147-19	Aluminum	1820	J5	23.7	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Beryllium	0.250		0.237	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Calcium	20100	J3 V	118	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Chromium	2.64		1.18	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Cobalt	1.84		1.18	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Iron	3390	J5	11.8	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Magnesium	2650	J6	118	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Manganese	179	J5	1.18	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Potassium	2390		118	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 008	L1866147-19	Vanadium	6.38		2.37	1	06/05/2025 17:59	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Aluminum	4860		24.9	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Beryllium	0.490		0.249	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Calcium	14100		125	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Chromium	5.66		1.25	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Cobalt	4.01		1.25	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Iron	7450		12.5	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Magnesium	2390		125	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Manganese	245		1.25	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Potassium	2850		125	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 009	L1866147-20	Vanadium	13.8		2.49	1	06/05/2025 18:19	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Aluminum	2470		22.6	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Beryllium	0.262		0.226	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Calcium	7870		113	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Chromium	3.38		1.13	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Cobalt	2.18		1.13	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Iron	4410		11.3	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Magnesium	1360		113	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Manganese	140		1.13	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Potassium	1900		113	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Sodium	254		113	1	06/05/2025 18:21	WG2531883
GACO0604T078-1CRS 010	L1866147-21	Vanadium	8.03		2.26	1	06/05/2025 18:21	WG2531883

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
GACO0604T078-1CRS 011	L1866147-22	Aluminum	1820		23.5	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Calcium	7720		118	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Chromium	2.50		1.18	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Cobalt	1.65		1.18	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Iron	2450		11.8	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Magnesium	1020		118	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Manganese	124		1.18	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Potassium	1220		118	1	06/05/2025 18:23	WG2531883
GACO0604T078-1CRS 011	L1866147-22	Vanadium	5.82		2.35	1	06/05/2025 18:23	WG2531883

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
GACO0604T078-1CRC 003	L1866147-01	Arsenic	2.06		0.123	5	06/13/2025 00:17	WG2537266
GACO0604T078-1CRC 003	L1866147-01	Barium	80.7		12.3	5	06/13/2025 00:17	WG2537266
GACO0604T078-1CRC 003	L1866147-01	Cadmium	0.192		0.123	5	06/13/2025 00:17	WG2537266
GACO0604T078-1CRC 003	L1866147-01	Selenium	0.201		0.123	5	06/13/2025 00:17	WG2537266
GACO0604T078-1CRS 001	L1866147-02	Arsenic	0.986		0.108	5	06/13/2025 00:20	WG2537266
GACO0604T078-1CRS 001	L1866147-02	Barium	33.0		10.8	5	06/13/2025 00:20	WG2537266
GACO0604T078-1CRS 001	L1866147-02	Cadmium	0.113		0.108	5	06/13/2025 00:20	WG2537266
GACO0604T078-1CRS 002	L1866147-03	Arsenic	0.742		0.108	5	06/13/2025 00:23	WG2537266
GACO0604T078-1CRS 002	L1866147-03	Barium	26.5		10.8	5	06/13/2025 00:23	WG2537266
GACO0604T078-1CRS 002	L1866147-03	Cadmium	0.133		0.108	5	06/13/2025 00:23	WG2537266
GACO0604T078-1CRS 003	L1866147-04	Arsenic	2.78		0.129	5	06/13/2025 00:26	WG2537266
GACO0604T078-1CRS 003	L1866147-04	Barium	95.5		12.9	5	06/13/2025 00:26	WG2537266
GACO0604T078-1CRS 003	L1866147-04	Cadmium	0.261		0.129	5	06/13/2025 00:26	WG2537266
GACO0604T078-1CRS 003	L1866147-04	Copper	13.7		12.9	5	06/13/2025 00:26	WG2537266
GACO0604T078-1CRS 003	L1866147-04	Selenium	0.235		0.129	5	06/13/2025 00:26	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Arsenic	11.9		0.122	5	06/13/2025 00:42	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Barium	63.5		12.2	5	06/13/2025 00:42	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Cadmium	0.259		0.122	5	06/13/2025 00:42	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Copper	19.3		12.2	5	06/13/2025 00:42	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Selenium	0.192		0.122	5	06/13/2025 00:42	WG2537266
GACO0604T078-1CRS 004	L1866147-06	Zinc	74.9		61.1	5	06/13/2025 00:42	WG2537266

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
GACO0604T078-1CRS 005	L1866147-07	Arsenic	1.39		0.111	5	06/13/2025 00:45	WG2537266
GACO0604T078-1CRS 005	L1866147-07	Barium	42.9		11.1	5	06/13/2025 00:45	WG2537266
GACO0604T078-1CRS 005	L1866147-07	Cadmium	0.200		0.111	5	06/13/2025 00:45	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Arsenic	2.16		0.116	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Barium	80.9		11.6	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Cadmium	0.313		0.116	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Copper	16.7		11.6	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Selenium	0.243		0.116	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 006	L1866147-08	Zinc	79.4		58.0	5	06/13/2025 00:48	WG2537266
GACO0604T078-1CRS 012	L1866147-10	Arsenic	1.92		0.115	5	06/13/2025 00:51	WG2537266
GACO0604T078-1CRS 012	L1866147-10	Barium	59.8		11.5	5	06/13/2025 00:51	WG2537266
GACO0604T078-1CRS 012	L1866147-10	Cadmium	0.158		0.115	5	06/13/2025 00:51	WG2537266
GACO0604T078-1CRS 012	L1866147-10	Selenium	0.144		0.115	5	06/13/2025 00:51	WG2537266
GACO0604T078-1CRS 013	L1866147-11	Arsenic	1.15		0.123	5	06/13/2025 00:54	WG2537266
GACO0604T078-1CRS 013	L1866147-11	Barium	40.7		12.3	5	06/13/2025 00:54	WG2537266
GACO0604T078-1CRS 013	L1866147-11	Cadmium	0.159		0.123	5	06/13/2025 00:54	WG2537266
GACO0604T078-1CRS 013	L1866147-11	Selenium	0.129		0.123	5	06/13/2025 00:54	WG2537266
GACO0604T078-1CRC 013	L1866147-12	Arsenic	2.03		0.114	5	06/12/2025 22:15	WG2537271
GACO0604T078-1CRC 013	L1866147-12	Barium	49.3		11.4	5	06/12/2025 22:15	WG2537271
GACO0604T078-1CRC 013	L1866147-12	Cadmium	0.191		0.114	5	06/12/2025 22:15	WG2537271
GACO0604T078-1CRC 013	L1866147-12	Selenium	0.205		0.114	5	06/12/2025 22:15	WG2537271
GACO0604T078-1CRS 014	L1866147-13	Arsenic	1.65		0.138	5	06/12/2025 22:18	WG2537271
GACO0604T078-1CRS 014	L1866147-13	Barium	43.9		13.8	5	06/12/2025 22:18	WG2537271
GACO0604T078-1CRS 014	L1866147-13	Cadmium	0.231		0.138	5	06/12/2025 22:18	WG2537271
GACO0604T078-1CRS 014	L1866147-13	Selenium	0.241		0.138	5	06/12/2025 22:18	WG2537271
GACO0604T078-1CRS 015	L1866147-14	Arsenic	2.99		0.124	5	06/12/2025 22:21	WG2537271
GACO0604T078-1CRS 015	L1866147-14	Barium	91.6		12.4	5	06/12/2025 22:21	WG2537271
GACO0604T078-1CRS 015	L1866147-14	Cadmium	0.217		0.124	5	06/12/2025 22:21	WG2537271
GACO0604T078-1CRS 015	L1866147-14	Selenium	0.281		0.124	5	06/12/2025 22:21	WG2537271
GACO0604T078-1CRS 016	L1866147-15	Arsenic	1.98		0.137	5	06/12/2025 22:30	WG2537271
GACO0604T078-1CRS 016	L1866147-15	Barium	49.9		13.7	5	06/12/2025 22:30	WG2537271
GACO0604T078-1CRS 016	L1866147-15	Cadmium	0.164		0.137	5	06/12/2025 22:30	WG2537271
GACO0604T078-1CRS 016	L1866147-15	Selenium	0.178		0.137	5	06/12/2025 22:30	WG2537271

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
GACO0604T078-1CRS 017	L1866147-16	Arsenic	3.05		0.135	5	06/12/2025 22:33	WG2537271
GACO0604T078-1CRS 017	L1866147-16	Barium	62.5		13.5	5	06/12/2025 22:33	WG2537271
GACO0604T078-1CRS 017	L1866147-16	Cadmium	0.237		0.135	5	06/12/2025 22:33	WG2537271
GACO0604T078-1CRS 017	L1866147-16	Selenium	0.279		0.135	5	06/12/2025 22:33	WG2537271
GACO0604T078-1CRS 007	L1866147-18	Arsenic	2.37		0.115	5	06/12/2025 22:36	WG2537271
GACO0604T078-1CRS 007	L1866147-18	Barium	77.7		11.5	5	06/12/2025 22:36	WG2537271
GACO0604T078-1CRS 007	L1866147-18	Cadmium	0.247		0.115	5	06/12/2025 22:36	WG2537271
GACO0604T078-1CRS 007	L1866147-18	Selenium	0.248		0.115	5	06/12/2025 22:36	WG2537271
GACO0604T078-1CRS 007	L1866147-18	Zinc	74.1		57.4	5	06/12/2025 22:36	WG2537271
GACO0604T078-1CRS 008	L1866147-19	Arsenic	1.73	O1	0.118	5	06/12/2025 21:59	WG2537271
GACO0604T078-1CRS 008	L1866147-19	Barium	66.8		11.8	5	06/12/2025 21:59	WG2537271
GACO0604T078-1CRS 008	L1866147-19	Cadmium	0.245		0.118	5	06/12/2025 21:59	WG2537271
GACO0604T078-1CRS 008	L1866147-19	Selenium	0.264		0.118	5	06/12/2025 21:59	WG2537271
GACO0604T078-1CRS 008	L1866147-19	Zinc	170		59.2	5	06/12/2025 21:59	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Arsenic	3.62		0.125	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Barium	109		12.5	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Cadmium	0.368		0.125	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Copper	13.3		12.5	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Lead	21.5		12.5	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Selenium	0.331		0.125	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 009	L1866147-20	Zinc	114		62.3	5	06/12/2025 22:40	WG2537271
GACO0604T078-1CRS 010	L1866147-21	Arsenic	2.08		0.113	5	06/12/2025 22:43	WG2537271
GACO0604T078-1CRS 010	L1866147-21	Barium	49.3		11.3	5	06/12/2025 22:43	WG2537271
GACO0604T078-1CRS 010	L1866147-21	Cadmium	0.158		0.113	5	06/12/2025 22:43	WG2537271
GACO0604T078-1CRS 010	L1866147-21	Selenium	0.200		0.113	5	06/12/2025 22:43	WG2537271
GACO0604T078-1CRS 011	L1866147-22	Arsenic	2.56		0.118	5	06/12/2025 22:46	WG2537271
GACO0604T078-1CRS 011	L1866147-22	Barium	55.2		11.8	5	06/12/2025 22:46	WG2537271
GACO0604T078-1CRS 011	L1866147-22	Cadmium	0.255		0.118	5	06/12/2025 22:46	WG2537271
GACO0604T078-1CRS 011	L1866147-22	Selenium	0.199		0.118	5	06/12/2025 22:46	WG2537271

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
GACO0604T078-1CRC 003	L1866147-01	Chloroform	0.00873	B	0.00365	1	06/05/2025 17:54	WG2531541
GACO0604T078-1CRS 001	L1866147-02	Chloroform	0.00577	B	0.00291	1	06/05/2025 18:13	WG2531541

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
GACO0604T078-1CRS 002	L1866147-03	Chloroform	0.00597	B	0.00288	1	06/05/2025 18:32	WG2531541
GACO0604T078-1CRS 003	L1866147-04	Chloroform	0.00855	B	0.00396	1	06/05/2025 18:51	WG2531541
GACO0604T078-1CRS 004	L1866147-06	Chloroform	0.00757	B	0.00361	1	06/05/2025 19:10	WG2531541
GACO0604T078-1CRS 005	L1866147-07	Chloroform	0.00584	B	0.00307	1	06/05/2025 19:28	WG2531541
GACO0604T078-1CRS 006	L1866147-08	Chloroform	0.00625	B	0.00330	1	06/05/2025 19:47	WG2531541
GACO0604T078-1CRS 012	L1866147-10	Chloroform	0.00600	B	0.00326	1	06/05/2025 20:06	WG2531541
GACO0604T078-1CRS 013	L1866147-11	Chloroform	0.00646	B	0.00365	1	06/05/2025 20:25	WG2531541
GACO0604T078-1CRC 013	L1866147-12	Chloroform	0.00588	B	0.00321	1	06/05/2025 20:44	WG2531541
GACO0604T078-1CRS 015	L1866147-14	Chloroform	0.00407		0.00370	1	06/05/2025 15:55	WG2531782
GACO0604T078-1CRS 016	L1866147-15	Chloroform	0.00459		0.00433	1	06/05/2025 16:17	WG2531782
GACO0604T078-1CRS 017	L1866147-16	Chloroform	0.00522		0.00423	1	06/05/2025 16:39	WG2531782
GACO0604T078-1CRS 007	L1866147-18	Chloroform	0.00396		0.00325	1	06/05/2025 17:01	WG2531782
GACO0604T078-1CRS 008	L1866147-19	Chloroform	0.00390		0.00342	1	06/05/2025 17:22	WG2531782
GACO0604T078-1CRS 009	L1866147-20	Chloroform	0.00433		0.00373	1	06/05/2025 17:44	WG2531782
GACO0604T078-1CRS 010	L1866147-21	Chloroform	0.00376		0.00315	1	06/05/2025 18:06	WG2531782
GACO0604T078-1CRS 011	L1866147-22	Chloroform	0.00426		0.00338	1	06/05/2025 18:28	WG2531782

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
GACO0604T078-1CRC 003	L1866147-01	C10-C28 Diesel Range	28.2		24.6	5	06/06/2025 12:57	WG2531927
GACO0604T078-1CRC 003	L1866147-01	C28-C36 Motor Oil Range	215		24.6	5	06/06/2025 12:57	WG2531927
GACO0604T078-1CRS 001	L1866147-02	C10-C28 Diesel Range	28.0		21.7	5	06/06/2025 13:10	WG2531927
GACO0604T078-1CRS 001	L1866147-02	C28-C36 Motor Oil Range	160		21.7	5	06/06/2025 13:10	WG2531927
GACO0604T078-1CRS 002	L1866147-03	C10-C28 Diesel Range	16.8		4.30	1	06/06/2025 12:45	WG2531927
GACO0604T078-1CRS 002	L1866147-03	C28-C36 Motor Oil Range	77.9		4.30	1	06/06/2025 12:45	WG2531927
GACO0604T078-1CRS 003	L1866147-04	C10-C28 Diesel Range	33.2		25.8	5	06/06/2025 12:57	WG2531927
GACO0604T078-1CRS 003	L1866147-04	C28-C36 Motor Oil Range	229		25.8	5	06/06/2025 12:57	WG2531927
GACO0604T078-1CRS 004	L1866147-06	C10-C28 Diesel Range	60.9		24.4	5	06/06/2025 13:23	WG2531927
GACO0604T078-1CRS 004	L1866147-06	C28-C36 Motor Oil Range	317		24.4	5	06/06/2025 13:23	WG2531927
GACO0604T078-1CRS 005	L1866147-07	C10-C28 Diesel Range	49.3		44.6	10	06/06/2025 13:10	WG2531927
GACO0604T078-1CRS 005	L1866147-07	C28-C36 Motor Oil Range	229		44.6	10	06/06/2025 13:10	WG2531927
GACO0604T078-1CRS 006	L1866147-08	C10-C28 Diesel Range	53.0		23.2	5	06/06/2025 13:23	WG2531927
GACO0604T078-1CRS 006	L1866147-08	C28-C36 Motor Oil Range	359		23.2	5	06/06/2025 13:23	WG2531927

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
GACO0604T078-1CRS 012	L1866147-10	C10-C28 Diesel Range	4.67		4.61	1	06/06/2025 12:45	WG2531927
GACO0604T078-1CRS 012	L1866147-10	C28-C36 Motor Oil Range	24.1		4.61	1	06/06/2025 12:45	WG2531927
GACO0604T078-1CRS 013	L1866147-11	C28-C36 Motor Oil Range	191		98.3	20	06/06/2025 14:40	WG2531927
GACO0604T078-1CRC 013	L1866147-12	C28-C36 Motor Oil Range	225		91.3	20	06/06/2025 14:52	WG2531927
GACO0604T078-1CRS 014	L1866147-13	C10-C28 Diesel Range	8.66		5.51	1	06/06/2025 07:06	WG2531930
GACO0604T078-1CRS 014	L1866147-13	C28-C36 Motor Oil Range	118		5.51	1	06/06/2025 07:06	WG2531930
GACO0604T078-1CRS 015	L1866147-14	C10-C28 Diesel Range	14.9		4.96	1	06/06/2025 08:48	WG2531930
GACO0604T078-1CRS 015	L1866147-14	C28-C36 Motor Oil Range	150		4.96	1	06/06/2025 08:48	WG2531930
GACO0604T078-1CRS 016	L1866147-15	C10-C28 Diesel Range	11.6		10.9	2	06/06/2025 15:13	WG2531930
GACO0604T078-1CRS 016	L1866147-15	C28-C36 Motor Oil Range	116		10.9	2	06/06/2025 15:13	WG2531930
GACO0604T078-1CRS 017	L1866147-16	C10-C28 Diesel Range	14.9		5.39	1	06/06/2025 07:50	WG2531930
GACO0604T078-1CRS 017	L1866147-16	C28-C36 Motor Oil Range	170		5.39	1	06/06/2025 07:50	WG2531930
GACO0604T078-1CRS 007	L1866147-18	C10-C28 Diesel Range	6.59		4.60	1	06/06/2025 05:54	WG2531930
GACO0604T078-1CRS 007	L1866147-18	C28-C36 Motor Oil Range	68.2		4.60	1	06/06/2025 05:54	WG2531930
GACO0604T078-1CRS 008	L1866147-19	C10-C28 Diesel Range	13.8	J6	4.73	1	06/06/2025 04:42	WG2531930
GACO0604T078-1CRS 008	L1866147-19	C28-C36 Motor Oil Range	179		23.7	5	06/06/2025 13:45	WG2531930
GACO0604T078-1CRS 009	L1866147-20	C10-C28 Diesel Range	31.5		4.99	1	06/06/2025 08:04	WG2531930
GACO0604T078-1CRS 009	L1866147-20	C28-C36 Motor Oil Range	276		24.9	5	06/06/2025 15:27	WG2531930
GACO0604T078-1CRS 010	L1866147-21	C10-C28 Diesel Range	7.38		4.52	1	06/06/2025 06:08	WG2531930
GACO0604T078-1CRS 010	L1866147-21	C28-C36 Motor Oil Range	57.4		4.52	1	06/06/2025 06:08	WG2531930
GACO0604T078-1CRS 011	L1866147-22	C28-C36 Motor Oil Range	38.6		4.70	1	06/06/2025 06:52	WG2531930

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
GACO0604T078-1CRS 014	L1866147-13	1-Methylnaphthalene	0.00490		0.00413	1	06/06/2025 03:23	WG2531924
GACO0604T078-1CRS 017	L1866147-16	Naphthalene	0.00732		0.00404	1	06/06/2025 03:05	WG2531924
GACO0604T078-1CRS 017	L1866147-16	1-Methylnaphthalene	0.00495		0.00404	1	06/06/2025 03:05	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.677		1	06/12/2025 13:09	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1420		123	1	06/08/2025 16:05	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.3		1	06/05/2025 10:24	WG2531364

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	06/08/2025 23:58	WG2532200

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	1280		246	10	06/08/2025 16:05	WG2532957

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.246	1	06/07/2025 17:05	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.37		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-01 WG2536673: 7.37 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1500	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-01 WG2536689: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	145		123	5	06/07/2025 02:02	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	34500		500	5	06/06/2025 14:22	WG2531983

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	1.66		0.200	1	06/11/2025 23:06	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4400		24.6	1	06/07/2025 10:14	WG2533012
Antimony	ND		2.46	1	06/07/2025 10:14	WG2533012
Beryllium	0.461		0.246	1	06/07/2025 10:14	WG2533012
Calcium	12800		123	1	06/07/2025 10:14	WG2533012
Chromium	5.37		1.23	1	06/07/2025 10:14	WG2533012
Cobalt	3.97		1.23	1	06/07/2025 10:14	WG2533012
Iron	7640		12.3	1	06/07/2025 10:14	WG2533012
Magnesium	2370		123	1	06/07/2025 10:14	WG2533012
Manganese	236		1.23	1	06/07/2025 10:14	WG2533012
Potassium	2940		123	1	06/07/2025 10:14	WG2533012
Sodium	137		123	1	06/07/2025 10:14	WG2533012
Thallium	ND		2.46	1	06/07/2025 10:14	WG2533012
Vanadium	14.2		2.46	1	06/07/2025 10:14	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.06		0.123	5	06/13/2025 00:17	WG2537266
Barium	80.7		12.3	5	06/13/2025 00:17	WG2537266
Cadmium	0.192		0.123	5	06/13/2025 00:17	WG2537266
Copper	ND		12.3	5	06/13/2025 00:17	WG2537266
Lead	ND		12.3	5	06/13/2025 00:17	WG2537266
Nickel	ND		12.3	5	06/13/2025 00:17	WG2537266
Selenium	0.201		0.123	5	06/13/2025 00:17	WG2537266
Silver	ND		0.615	5	06/13/2025 00:17	WG2537266
Zinc	ND		61.5	5	06/13/2025 00:17	WG2537266

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		3.65	25	06/05/2025 15:50	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 15:50*	WG2531597

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		0.0730	1	06/05/2025 17:54	WG2531541
Acrylonitrile	ND		0.0182	1	06/05/2025 17:54	WG2531541
Benzene	ND		0.00146	1	06/05/2025 17:54	WG2531541
Bromobenzene	ND		0.0182	1	06/05/2025 17:54	WG2531541
Bromodichloromethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
Bromoform	ND		0.0365	1	06/05/2025 17:54	WG2531541
Bromomethane	ND		0.0182	1	06/05/2025 17:54	WG2531541
n-Butylbenzene	ND		0.0182	1	06/05/2025 17:54	WG2531541
sec-Butylbenzene	ND		0.0182	1	06/05/2025 17:54	WG2531541
tert-Butylbenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
Carbon tetrachloride	ND		0.00730	1	06/05/2025 17:54	WG2531541
Chlorobenzene	ND		0.00365	1	06/05/2025 17:54	WG2531541
Chlorodibromomethane	ND		0.00365	1	06/05/2025 17:54	WG2531541

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		0.00730	1	06/05/2025 17:54	WG2531541
Chloroform	0.00873	B	0.00365	1	06/05/2025 17:54	WG2531541
Chloromethane	ND		0.0182	1	06/05/2025 17:54	WG2531541
2-Chlorotoluene	ND		0.00365	1	06/05/2025 17:54	WG2531541
4-Chlorotoluene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0365	1	06/05/2025 17:54	WG2531541
1,2-Dibromoethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
Dibromomethane	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,2-Dichlorobenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,3-Dichlorobenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,4-Dichlorobenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
Dichlorodifluoromethane	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,1-Dichloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,2-Dichloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,1-Dichloroethene	ND		0.00365	1	06/05/2025 17:54	WG2531541
cis-1,2-Dichloroethene	ND		0.00365	1	06/05/2025 17:54	WG2531541
trans-1,2-Dichloroethene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,2-Dichloropropane	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,1-Dichloropropene	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,3-Dichloropropane	ND		0.00730	1	06/05/2025 17:54	WG2531541
cis-1,3-Dichloropropene	ND		0.00365	1	06/05/2025 17:54	WG2531541
trans-1,3-Dichloropropene	ND		0.00730	1	06/05/2025 17:54	WG2531541
2,2-Dichloropropane	ND	J4	0.00365	1	06/05/2025 17:54	WG2531541
Di-isopropyl ether	ND		0.00146	1	06/05/2025 17:54	WG2531541
Ethylbenzene	ND		0.0146	1	06/05/2025 17:54	WG2531541
Hexachloro-1,3-butadiene	ND		0.0365	1	06/05/2025 17:54	WG2531541
Isopropylbenzene	ND		0.00365	1	06/05/2025 17:54	WG2531541
p-Isopropyltoluene	ND		0.00730	1	06/05/2025 17:54	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.146	1	06/05/2025 17:54	WG2531541
Methylene Chloride	ND		0.0365	1	06/05/2025 17:54	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0365	1	06/05/2025 17:54	WG2531541
Methyl tert-butyl ether	ND		0.00146	1	06/05/2025 17:54	WG2531541
n-Propylbenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
Styrene	ND		0.0182	1	06/05/2025 17:54	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
Tetrachloroethene	ND		0.00365	1	06/05/2025 17:54	WG2531541
Toluene	ND		0.0146	1	06/05/2025 17:54	WG2531541
1,2,3-Trichlorobenzene	ND		0.0182	1	06/05/2025 17:54	WG2531541
1,2,4-Trichlorobenzene	ND		0.0182	1	06/05/2025 17:54	WG2531541
1,1,1-Trichloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,1,2-Trichloroethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
Trichloroethene	ND		0.00146	1	06/05/2025 17:54	WG2531541
Trichlorofluoromethane	ND		0.00365	1	06/05/2025 17:54	WG2531541
1,2,3-Trichloropropane	ND		0.0182	1	06/05/2025 17:54	WG2531541
1,2,3-Trimethylbenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,2,4-Trimethylbenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
1,3,5-Trimethylbenzene	ND		0.00730	1	06/05/2025 17:54	WG2531541
Vinyl chloride	ND		0.00365	1	06/05/2025 17:54	WG2531541
Xylenes, Total	ND		0.146	1	06/05/2025 17:54	WG2531541
(S) Toluene-d8	*96.3*		*75.0-131*		*06/05/2025 17:54*	WG2531541
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*06/05/2025 17:54*	WG2531541
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/05/2025 17:54*	WG2531541

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	28.2		24.6	5	06/06/2025 12:57	WG2531927
C28-C36 Motor Oil Range	215		24.6	5	06/06/2025 12:57	WG2531927
(S) o-Terphenyl	*58.0*		*18.0-148*		*06/06/2025 12:57*	WG2531927

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		0.0819	2	06/06/2025 03:14	WG2531932
Benzidine	ND	J4	4.11	2	06/06/2025 03:14	WG2531932
Benzo(g,h,i)perylene	ND		0.0819	2	06/06/2025 03:14	WG2531932
Bis(2-chlorethoxy)methane	ND		0.819	2	06/06/2025 03:14	WG2531932
Bis(2-chloroethyl)ether	ND		0.819	2	06/06/2025 03:14	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.819	2	06/06/2025 03:14	WG2531932
4-Bromophenyl-phenylether	ND		0.819	2	06/06/2025 03:14	WG2531932
2-Chloronaphthalene	ND		0.0819	2	06/06/2025 03:14	WG2531932
4-Chlorophenyl-phenylether	ND		0.819	2	06/06/2025 03:14	WG2531932
1,2-Dichlorobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
1,3-Dichlorobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
1,4-Dichlorobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
3,3-Dichlorobenzidine	ND		0.819	2	06/06/2025 03:14	WG2531932
2,4-Dinitrotoluene	ND		0.819	2	06/06/2025 03:14	WG2531932
2,6-Dinitrotoluene	ND		0.819	2	06/06/2025 03:14	WG2531932
Hexachlorobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
Hexachloro-1,3-butadiene	ND		0.819	2	06/06/2025 03:14	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.819	2	06/06/2025 03:14	WG2531932
Hexachloroethane	ND		0.819	2	06/06/2025 03:14	WG2531932
Isophorone	ND		0.819	2	06/06/2025 03:14	WG2531932
Nitrobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
n-Nitrosodimethylamine	ND		0.819	2	06/06/2025 03:14	WG2531932
n-Nitrosodiphenylamine	ND		0.819	2	06/06/2025 03:14	WG2531932
n-Nitrosodi-n-propylamine	ND		0.819	2	06/06/2025 03:14	WG2531932
Phenanthrene	ND		0.0819	2	06/06/2025 03:14	WG2531932
Benzylbutyl phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
Di-n-butyl phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
Diethyl phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
Dimethyl phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
Di-n-octyl phthalate	ND		0.819	2	06/06/2025 03:14	WG2531932
1,2,4-Trichlorobenzene	ND		0.819	2	06/06/2025 03:14	WG2531932
4-Chloro-3-methylphenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2-Chlorophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2,4-Dichlorophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2,4-Dimethylphenol	ND		0.819	2	06/06/2025 03:14	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2,4-Dinitrophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2-Nitrophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
4-Nitrophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
Pentachlorophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
Phenol	ND		0.819	2	06/06/2025 03:14	WG2531932
2,4,6-Trichlorophenol	ND		0.819	2	06/06/2025 03:14	WG2531932
(S) 2-Fluorophenol	*72.6*		*12.0-120*		*06/06/2025 03:14*	WG2531932
(S) Phenol-d5	*70.9*		*10.0-120*		*06/06/2025 03:14*	WG2531932
(S) Nitrobenzene-d5	*71.6*		*10.0-122*		*06/06/2025 03:14*	WG2531932
(S) 2-Fluorobiphenyl	*71.6*		*15.0-120*		*06/06/2025 03:14*	WG2531932
(S) 2,4,6-Tribromophenol	*96.0*		*10.0-127*		*06/06/2025 03:14*	WG2531932
(S) p-Terphenyl-d14	*84.1*		*10.0-120*		*06/06/2025 03:14*	WG2531932

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:

L1866147-01 WG2531932: 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		0.0406	1	06/06/2025 04:11	WG2531921
Acenaphthene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Acenaphthylene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Benzo(a)anthracene	ND		0.00738	1	06/06/2025 04:11	WG2531921
Benzo(a)pyrene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Benzo(b)fluoranthene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Benzo(g,h,i)perylene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Benzo(k)fluoranthene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Chrysene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Dibenz(a,h)anthracene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Fluoranthene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Fluorene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Naphthalene	ND		0.00369	1	06/06/2025 04:11	WG2531921
Phenanthrene	ND		0.0406	1	06/06/2025 04:11	WG2531921
Pyrene	ND		0.0406	1	06/06/2025 04:11	WG2531921
1-Methylnaphthalene	ND		0.00369	1	06/06/2025 04:11	WG2531921
2-Methylnaphthalene	ND		0.0148	1	06/06/2025 04:11	WG2531921
(S) p-Terphenyl-d14	*86.2*		*23.0-120*		*06/06/2025 04:11*	WG2531921
(S) Nitrobenzene-d5	*91.6*		*14.0-149*		*06/06/2025 04:11*	WG2531921
(S) 2-Fluorobiphenyl	*91.7*		*34.0-125*		*06/06/2025 04:11*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.253		1	06/12/2025 13:11	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	807		21.7	1	06/08/2025 16:07	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.3		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	32.0		10.8	1	06/09/2025 00:00	WG2532200

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	792		217	10	06/08/2025 16:07	WG2532957

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.279		0.217	1	06/07/2025 17:14	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.60		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-02 WG2536673: 6.6 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	176	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-02 WG2536689: 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		21.7	1	06/06/2025 05:47	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13300		500	5	06/06/2025 14:22	WG2531983

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	0.293		0.200	1	06/11/2025 23:08	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2250		21.7	1	06/07/2025 10:16	WG2533012
Antimony	ND		2.17	1	06/07/2025 10:16	WG2533012
Beryllium	ND		0.217	1	06/07/2025 10:16	WG2533012
Calcium	1810		108	1	06/07/2025 10:16	WG2533012
Chromium	3.03		1.08	1	06/07/2025 10:16	WG2533012
Cobalt	1.71		1.08	1	06/07/2025 10:16	WG2533012
Iron	4090		10.8	1	06/07/2025 10:16	WG2533012
Magnesium	820		108	1	06/07/2025 10:16	WG2533012
Manganese	114		1.08	1	06/07/2025 10:16	WG2533012
Potassium	897		108	1	06/07/2025 10:16	WG2533012
Sodium	ND		108	1	06/07/2025 10:16	WG2533012
Thallium	ND		2.17	1	06/07/2025 10:16	WG2533012
Vanadium	6.25		2.17	1	06/07/2025 10:16	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.986		0.108	5	06/13/2025 00:20	WG2537266
Barium	33.0		10.8	5	06/13/2025 00:20	WG2537266
Cadmium	0.113		0.108	5	06/13/2025 00:20	WG2537266
Copper	ND		10.8	5	06/13/2025 00:20	WG2537266
Lead	ND		10.8	5	06/13/2025 00:20	WG2537266
Nickel	ND		10.8	5	06/13/2025 00:20	WG2537266
Selenium	ND		0.108	5	06/13/2025 00:20	WG2537266
Silver	ND		0.541	5	06/13/2025 00:20	WG2537266
Zinc	ND		54.1	5	06/13/2025 00:20	WG2537266

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		2.91	25	06/05/2025 16:14	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 16:14*	WG2531597

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		0.0583	1	06/05/2025 18:13	WG2531541
Acrylonitrile	ND		0.0146	1	06/05/2025 18:13	WG2531541
Benzene	ND		0.00117	1	06/05/2025 18:13	WG2531541
Bromobenzene	ND		0.0146	1	06/05/2025 18:13	WG2531541
Bromodichloromethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
Bromoform	ND		0.0291	1	06/05/2025 18:13	WG2531541
Bromomethane	ND		0.0146	1	06/05/2025 18:13	WG2531541
n-Butylbenzene	ND		0.0146	1	06/05/2025 18:13	WG2531541
sec-Butylbenzene	ND		0.0146	1	06/05/2025 18:13	WG2531541
tert-Butylbenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
Carbon tetrachloride	ND		0.00583	1	06/05/2025 18:13	WG2531541
Chlorobenzene	ND		0.00291	1	06/05/2025 18:13	WG2531541
Chlorodibromomethane	ND		0.00291	1	06/05/2025 18:13	WG2531541

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		0.00583	1	06/05/2025 18:13	WG2531541
Chloroform	0.00577	B	0.00291	1	06/05/2025 18:13	WG2531541
Chloromethane	ND		0.0146	1	06/05/2025 18:13	WG2531541
2-Chlorotoluene	ND		0.00291	1	06/05/2025 18:13	WG2531541
4-Chlorotoluene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0291	1	06/05/2025 18:13	WG2531541
1,2-Dibromoethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
Dibromomethane	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,2-Dichlorobenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,3-Dichlorobenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,4-Dichlorobenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
Dichlorodifluoromethane	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,1-Dichloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,2-Dichloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,1-Dichloroethene	ND		0.00291	1	06/05/2025 18:13	WG2531541
cis-1,2-Dichloroethene	ND		0.00291	1	06/05/2025 18:13	WG2531541
trans-1,2-Dichloroethene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,2-Dichloropropane	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,1-Dichloropropene	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,3-Dichloropropane	ND		0.00583	1	06/05/2025 18:13	WG2531541
cis-1,3-Dichloropropene	ND		0.00291	1	06/05/2025 18:13	WG2531541
trans-1,3-Dichloropropene	ND		0.00583	1	06/05/2025 18:13	WG2531541
2,2-Dichloropropane	ND	J4	0.00291	1	06/05/2025 18:13	WG2531541
Di-isopropyl ether	ND		0.00117	1	06/05/2025 18:13	WG2531541
Ethylbenzene	ND		0.0117	1	06/05/2025 18:13	WG2531541
Hexachloro-1,3-butadiene	ND		0.0291	1	06/05/2025 18:13	WG2531541
Isopropylbenzene	ND		0.00291	1	06/05/2025 18:13	WG2531541
p-Isopropyltoluene	ND		0.00583	1	06/05/2025 18:13	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.117	1	06/05/2025 18:13	WG2531541
Methylene Chloride	ND		0.0291	1	06/05/2025 18:13	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0291	1	06/05/2025 18:13	WG2531541
Methyl tert-butyl ether	ND		0.00117	1	06/05/2025 18:13	WG2531541
n-Propylbenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
Styrene	ND		0.0146	1	06/05/2025 18:13	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
Tetrachloroethene	ND		0.00291	1	06/05/2025 18:13	WG2531541
Toluene	ND		0.0117	1	06/05/2025 18:13	WG2531541
1,2,3-Trichlorobenzene	ND		0.0146	1	06/05/2025 18:13	WG2531541
1,2,4-Trichlorobenzene	ND		0.0146	1	06/05/2025 18:13	WG2531541
1,1,1-Trichloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,1,2-Trichloroethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
Trichloroethene	ND		0.00117	1	06/05/2025 18:13	WG2531541
Trichlorofluoromethane	ND		0.00291	1	06/05/2025 18:13	WG2531541
1,2,3-Trichloropropane	ND		0.0146	1	06/05/2025 18:13	WG2531541
1,2,3-Trimethylbenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,2,4-Trimethylbenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
1,3,5-Trimethylbenzene	ND		0.00583	1	06/05/2025 18:13	WG2531541
Vinyl chloride	ND		0.00291	1	06/05/2025 18:13	WG2531541
Xylenes, Total	ND		0.117	1	06/05/2025 18:13	WG2531541
(S) Toluene-d8	*97.4*		*75.0-131*		*06/05/2025 18:13*	WG2531541
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*06/05/2025 18:13*	WG2531541
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/05/2025 18:13*	WG2531541

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	28.0		21.7	5	06/06/2025 13:10	WG2531927
C28-C36 Motor Oil Range	160		21.7	5	06/06/2025 13:10	WG2531927
(S) o-Terphenyl	*56.4*		*18.0-148*		*06/06/2025 13:10*	WG2531927

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		0.0721	2	06/06/2025 03:20	WG2531932
Benzidine	ND	J4	3.62	2	06/06/2025 03:20	WG2531932
Benzo(g,h,i)perylene	ND		0.0721	2	06/06/2025 03:20	WG2531932
Bis(2-chlorethoxy)methane	ND		0.721	2	06/06/2025 03:20	WG2531932
Bis(2-chloroethyl)ether	ND		0.721	2	06/06/2025 03:20	WG2531932
2,2-Oxybis(1-Chloropropane)	ND	C3	0.721	2	06/06/2025 03:20	WG2531932
4-Bromophenyl-phenylether	ND		0.721	2	06/06/2025 03:20	WG2531932
2-Chloronaphthalene	ND		0.0721	2	06/06/2025 03:20	WG2531932
4-Chlorophenyl-phenylether	ND		0.721	2	06/06/2025 03:20	WG2531932
1,2-Dichlorobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
1,3-Dichlorobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
1,4-Dichlorobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
3,3-Dichlorobenzidine	ND		0.721	2	06/06/2025 03:20	WG2531932
2,4-Dinitrotoluene	ND		0.721	2	06/06/2025 03:20	WG2531932
2,6-Dinitrotoluene	ND		0.721	2	06/06/2025 03:20	WG2531932
Hexachlorobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
Hexachloro-1,3-butadiene	ND		0.721	2	06/06/2025 03:20	WG2531932
Hexachlorocyclopentadiene	ND	C3 C7	0.721	2	06/06/2025 03:20	WG2531932
Hexachloroethane	ND		0.721	2	06/06/2025 03:20	WG2531932
Isophorone	ND		0.721	2	06/06/2025 03:20	WG2531932
Nitrobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
n-Nitrosodimethylamine	ND	C3	0.721	2	06/06/2025 03:20	WG2531932
n-Nitrosodiphenylamine	ND		0.721	2	06/06/2025 03:20	WG2531932
n-Nitrosodi-n-propylamine	ND		0.721	2	06/06/2025 03:20	WG2531932
Phenanthrene	ND		0.0721	2	06/06/2025 03:20	WG2531932
Benzylbutyl phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
Di-n-butyl phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
Diethyl phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
Dimethyl phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
Di-n-octyl phthalate	ND		0.721	2	06/06/2025 03:20	WG2531932
1,2,4-Trichlorobenzene	ND		0.721	2	06/06/2025 03:20	WG2531932
4-Chloro-3-methylphenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2-Chlorophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2,4-Dichlorophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2,4-Dimethylphenol	ND		0.721	2	06/06/2025 03:20	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2,4-Dinitrophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2-Nitrophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
4-Nitrophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
Pentachlorophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
Phenol	ND		0.721	2	06/06/2025 03:20	WG2531932
2,4,6-Trichlorophenol	ND		0.721	2	06/06/2025 03:20	WG2531932
(S) 2-Fluorophenol	*71.6*		*12.0-120*		*06/06/2025 03:20*	WG2531932
(S) Phenol-d5	*63.2*		*10.0-120*		*06/06/2025 03:20*	WG2531932
(S) Nitrobenzene-d5	*58.8*		*10.0-122*		*06/06/2025 03:20*	WG2531932
(S) 2-Fluorobiphenyl	*67.2*		*15.0-120*		*06/06/2025 03:20*	WG2531932
(S) 2,4,6-Tribromophenol	*81.3*		*10.0-127*		*06/06/2025 03:20*	WG2531932
(S) p-Terphenyl-d14	*72.4*		*10.0-120*		*06/06/2025 03:20*	WG2531932

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:

L1866147-02 WG2531932: 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		0.0357	1	06/06/2025 03:19	WG2531921
Acenaphthene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Acenaphthylene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Benzo(a)anthracene	ND		0.00650	1	06/06/2025 03:19	WG2531921
Benzo(a)pyrene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Benzo(b)fluoranthene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Benzo(g,h,i)perylene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Benzo(k)fluoranthene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Chrysene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Dibenz(a,h)anthracene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Fluoranthene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Fluorene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Naphthalene	ND		0.00325	1	06/06/2025 03:19	WG2531921
Phenanthrene	ND		0.0357	1	06/06/2025 03:19	WG2531921
Pyrene	ND		0.0357	1	06/06/2025 03:19	WG2531921
1-Methylnaphthalene	ND		0.00325	1	06/06/2025 03:19	WG2531921
2-Methylnaphthalene	ND		0.0130	1	06/06/2025 03:19	WG2531921
(S) p-Terphenyl-d14	*97.0*		*23.0-120*		*06/06/2025 03:19*	WG2531921
(S) Nitrobenzene-d5	*101*		*14.0-149*		*06/06/2025 03:19*	WG2531921
(S) 2-Fluorobiphenyl	*100*		*34.0-125*		*06/06/2025 03:19*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.328		1	06/12/2025 13:12	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2100		108	1	06/08/2025 16:09	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.9		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		10.8	1	06/09/2025 00:01	WG2532200

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	2080		215	10	06/08/2025 16:09	WG2532957

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.215	1	06/07/2025 17:23	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.59		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-03 WG2536673: 7.59 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	812	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-03 WG2536689: 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		108	5	06/06/2025 06:00	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	32700		900	9	06/06/2025 14:23	WG2531983

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	0.764		0.200	1	06/11/2025 23:09	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	1500		21.5	1	06/07/2025 10:17	WG2533012
Antimony	ND		2.15	1	06/07/2025 10:17	WG2533012
Beryllium	ND		0.215	1	06/07/2025 10:17	WG2533012
Calcium	3170		108	1	06/07/2025 10:17	WG2533012
Chromium	2.77		1.08	1	06/07/2025 10:17	WG2533012
Cobalt	1.33		1.08	1	06/07/2025 10:17	WG2533012
Iron	3950		10.8	1	06/07/2025 10:17	WG2533012
Magnesium	839		108	1	06/07/2025 10:17	WG2533012
Manganese	117		1.08	1	06/07/2025 10:17	WG2533012
Potassium	1450		108	1	06/07/2025 10:17	WG2533012
Sodium	ND		108	1	06/07/2025 10:17	WG2533012
Thallium	ND		2.15	1	06/07/2025 10:17	WG2533012
Vanadium	5.45		2.15	1	06/07/2025 10:17	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.742		0.108	5	06/13/2025 00:23	WG2537266
Barium	26.5		10.8	5	06/13/2025 00:23	WG2537266
Cadmium	0.133		0.108	5	06/13/2025 00:23	WG2537266
Copper	ND		10.8	5	06/13/2025 00:23	WG2537266
Lead	ND		10.8	5	06/13/2025 00:23	WG2537266
Nickel	ND		10.8	5	06/13/2025 00:23	WG2537266
Selenium	ND		0.108	5	06/13/2025 00:23	WG2537266
Silver	ND		0.538	5	06/13/2025 00:23	WG2537266
Zinc	ND		53.8	5	06/13/2025 00:23	WG2537266

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		2.88	25	06/05/2025 16:38	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 16:38*	WG2531597

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		0.0576	1	06/05/2025 18:32	WG2531541
Acrylonitrile	ND		0.0144	1	06/05/2025 18:32	WG2531541
Benzene	ND		0.00115	1	06/05/2025 18:32	WG2531541
Bromobenzene	ND		0.0144	1	06/05/2025 18:32	WG2531541
Bromodichloromethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
Bromoform	ND		0.0288	1	06/05/2025 18:32	WG2531541
Bromomethane	ND		0.0144	1	06/05/2025 18:32	WG2531541
n-Butylbenzene	ND		0.0144	1	06/05/2025 18:32	WG2531541
sec-Butylbenzene	ND		0.0144	1	06/05/2025 18:32	WG2531541
tert-Butylbenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
Carbon tetrachloride	ND		0.00576	1	06/05/2025 18:32	WG2531541
Chlorobenzene	ND		0.00288	1	06/05/2025 18:32	WG2531541
Chlorodibromomethane	ND		0.00288	1	06/05/2025 18:32	WG2531541

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		0.00576	1	06/05/2025 18:32	WG2531541
Chloroform	0.00597	B	0.00288	1	06/05/2025 18:32	WG2531541
Chloromethane	ND		0.0144	1	06/05/2025 18:32	WG2531541
2-Chlorotoluene	ND		0.00288	1	06/05/2025 18:32	WG2531541
4-Chlorotoluene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0288	1	06/05/2025 18:32	WG2531541
1,2-Dibromoethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
Dibromomethane	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,2-Dichlorobenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,3-Dichlorobenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,4-Dichlorobenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
Dichlorodifluoromethane	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,1-Dichloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,2-Dichloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,1-Dichloroethene	ND		0.00288	1	06/05/2025 18:32	WG2531541
cis-1,2-Dichloroethene	ND		0.00288	1	06/05/2025 18:32	WG2531541
trans-1,2-Dichloroethene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,2-Dichloropropane	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,1-Dichloropropene	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,3-Dichloropropane	ND		0.00576	1	06/05/2025 18:32	WG2531541
cis-1,3-Dichloropropene	ND		0.00288	1	06/05/2025 18:32	WG2531541
trans-1,3-Dichloropropene	ND		0.00576	1	06/05/2025 18:32	WG2531541
2,2-Dichloropropane	ND	J4	0.00288	1	06/05/2025 18:32	WG2531541
Di-isopropyl ether	ND		0.00115	1	06/05/2025 18:32	WG2531541
Ethylbenzene	ND		0.0115	1	06/05/2025 18:32	WG2531541
Hexachloro-1,3-butadiene	ND		0.0288	1	06/05/2025 18:32	WG2531541
Isopropylbenzene	ND		0.00288	1	06/05/2025 18:32	WG2531541
p-Isopropyltoluene	ND		0.00576	1	06/05/2025 18:32	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.115	1	06/05/2025 18:32	WG2531541
Methylene Chloride	ND		0.0288	1	06/05/2025 18:32	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0288	1	06/05/2025 18:32	WG2531541
Methyl tert-butyl ether	ND		0.00115	1	06/05/2025 18:32	WG2531541
n-Propylbenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
Styrene	ND		0.0144	1	06/05/2025 18:32	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
Tetrachloroethene	ND		0.00288	1	06/05/2025 18:32	WG2531541
Toluene	ND		0.0115	1	06/05/2025 18:32	WG2531541
1,2,3-Trichlorobenzene	ND		0.0144	1	06/05/2025 18:32	WG2531541
1,2,4-Trichlorobenzene	ND		0.0144	1	06/05/2025 18:32	WG2531541
1,1,1-Trichloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,1,2-Trichloroethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
Trichloroethene	ND		0.00115	1	06/05/2025 18:32	WG2531541
Trichlorofluoromethane	ND		0.00288	1	06/05/2025 18:32	WG2531541
1,2,3-Trichloropropane	ND		0.0144	1	06/05/2025 18:32	WG2531541
1,2,3-Trimethylbenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,2,4-Trimethylbenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
1,3,5-Trimethylbenzene	ND		0.00576	1	06/05/2025 18:32	WG2531541
Vinyl chloride	ND		0.00288	1	06/05/2025 18:32	WG2531541
Xylenes, Total	ND		0.115	1	06/05/2025 18:32	WG2531541
(S) Toluene-d8	*96.8*		*75.0-131*		*06/05/2025 18:32*	WG2531541
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*06/05/2025 18:32*	WG2531541
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*06/05/2025 18:32*	WG2531541

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	16.8		4.30	1	06/06/2025 12:45	WG2531927
C28-C36 Motor Oil Range	77.9		4.30	1	06/06/2025 12:45	WG2531927
(S) o-Terphenyl	*35.0*		*18.0-148*		*06/06/2025 12:45*	WG2531927

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		0.0717	2	06/06/2025 02:32	WG2531932
Benzidine	ND	J4	3.59	2	06/06/2025 02:32	WG2531932
Benzo(g,h,i)perylene	ND		0.0717	2	06/06/2025 02:32	WG2531932
Bis(2-chlorethoxy)methane	ND		0.717	2	06/06/2025 02:32	WG2531932
Bis(2-chloroethyl)ether	ND		0.717	2	06/06/2025 02:32	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.717	2	06/06/2025 02:32	WG2531932
4-Bromophenyl-phenylether	ND		0.717	2	06/06/2025 02:32	WG2531932
2-Chloronaphthalene	ND		0.0717	2	06/06/2025 02:32	WG2531932
4-Chlorophenyl-phenylether	ND		0.717	2	06/06/2025 02:32	WG2531932
1,2-Dichlorobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
1,3-Dichlorobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
1,4-Dichlorobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
3,3-Dichlorobenzidine	ND		0.717	2	06/06/2025 02:32	WG2531932
2,4-Dinitrotoluene	ND		0.717	2	06/06/2025 02:32	WG2531932
2,6-Dinitrotoluene	ND		0.717	2	06/06/2025 02:32	WG2531932
Hexachlorobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
Hexachloro-1,3-butadiene	ND		0.717	2	06/06/2025 02:32	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.717	2	06/06/2025 02:32	WG2531932
Hexachloroethane	ND		0.717	2	06/06/2025 02:32	WG2531932
Isophorone	ND		0.717	2	06/06/2025 02:32	WG2531932
Nitrobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
n-Nitrosodimethylamine	ND		0.717	2	06/06/2025 02:32	WG2531932
n-Nitrosodiphenylamine	ND		0.717	2	06/06/2025 02:32	WG2531932
n-Nitrosodi-n-propylamine	ND		0.717	2	06/06/2025 02:32	WG2531932
Phenanthrene	ND		0.0717	2	06/06/2025 02:32	WG2531932
Benzylbutyl phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
Di-n-butyl phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
Diethyl phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
Dimethyl phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
Di-n-octyl phthalate	ND		0.717	2	06/06/2025 02:32	WG2531932
1,2,4-Trichlorobenzene	ND		0.717	2	06/06/2025 02:32	WG2531932
4-Chloro-3-methylphenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2-Chlorophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2,4-Dichlorophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2,4-Dimethylphenol	ND		0.717	2	06/06/2025 02:32	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2,4-Dinitrophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2-Nitrophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
4-Nitrophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
Pentachlorophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
Phenol	ND		0.717	2	06/06/2025 02:32	WG2531932
2,4,6-Trichlorophenol	ND		0.717	2	06/06/2025 02:32	WG2531932
(S) 2-Fluorophenol	*75.4*		*12.0-120*		*06/06/2025 02:32*	WG2531932
(S) Phenol-d5	*71.4*		*10.0-120*		*06/06/2025 02:32*	WG2531932
(S) Nitrobenzene-d5	*73.7*		*10.0-122*		*06/06/2025 02:32*	WG2531932
(S) 2-Fluorobiphenyl	*71.1*		*15.0-120*		*06/06/2025 02:32*	WG2531932
(S) 2,4,6-Tribromophenol	*85.5*		*10.0-127*		*06/06/2025 02:32*	WG2531932
(S) p-Terphenyl-d14	*72.7*		*10.0-120*		*06/06/2025 02:32*	WG2531932

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:

L1866147-03 WG2531932: 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		0.0355	1	06/06/2025 02:09	WG2531921
Acenaphthene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Acenaphthylene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Benzo(a)anthracene	ND		0.00646	1	06/06/2025 02:09	WG2531921
Benzo(a)pyrene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Benzo(b)fluoranthene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Benzo(g,h,i)perylene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Benzo(k)fluoranthene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Chrysene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Dibenz(a,h)anthracene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Fluoranthene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Fluorene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Naphthalene	ND		0.00323	1	06/06/2025 02:09	WG2531921
Phenanthrene	ND		0.0355	1	06/06/2025 02:09	WG2531921
Pyrene	ND		0.0355	1	06/06/2025 02:09	WG2531921
1-Methylnaphthalene	ND		0.00323	1	06/06/2025 02:09	WG2531921
2-Methylnaphthalene	ND		0.0129	1	06/06/2025 02:09	WG2531921
(S) p-Terphenyl-d14	*66.3*		*23.0-120*		*06/06/2025 02:09*	WG2531921
(S) Nitrobenzene-d5	*65.4*		*14.0-149*		*06/06/2025 02:09*	WG2531921
(S) 2-Fluorobiphenyl	*68.4*		*34.0-125*		*06/06/2025 02:09*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.769		1	06/12/2025 13:14	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	785		25.8	1	06/08/2025 16:11	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.4		1	06/05/2025 10:24	WG2531364

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 00:03	WG2532200

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	575	J5	25.8	1	06/08/2025 16:11	WG2532957

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	06/07/2025 17:32	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.36		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-04 WG2536673: 7.36 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	2060	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-04 WG2536689: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	209		129	5	06/07/2025 02:15	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	32200		500	5	06/06/2025 14:23	WG2531983

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	2.18		0.200	1	06/11/2025 23:11	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4600		25.8	1	06/07/2025 10:19	WG2533012
Antimony	ND		2.58	1	06/07/2025 10:19	WG2533012
Beryllium	0.464		0.258	1	06/07/2025 10:19	WG2533012
Calcium	13800		129	1	06/07/2025 10:19	WG2533012
Chromium	5.49		1.29	1	06/07/2025 10:19	WG2533012
Cobalt	4.23		1.29	1	06/07/2025 10:19	WG2533012
Iron	7440		12.9	1	06/07/2025 10:19	WG2533012
Magnesium	2550		129	1	06/07/2025 10:19	WG2533012
Manganese	231		1.29	1	06/07/2025 10:19	WG2533012
Potassium	3250		129	1	06/07/2025 10:19	WG2533012
Sodium	140		129	1	06/07/2025 10:19	WG2533012
Thallium	ND		2.58	1	06/07/2025 10:19	WG2533012
Vanadium	13.7		2.58	1	06/07/2025 10:19	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.78		0.129	5	06/13/2025 00:26	WG2537266
Barium	95.5		12.9	5	06/13/2025 00:26	WG2537266
Cadmium	0.261		0.129	5	06/13/2025 00:26	WG2537266
Copper	13.7		12.9	5	06/13/2025 00:26	WG2537266
Lead	ND		12.9	5	06/13/2025 00:26	WG2537266
Nickel	ND		12.9	5	06/13/2025 00:26	WG2537266
Selenium	0.235		0.129	5	06/13/2025 00:26	WG2537266
Silver	ND		0.646	5	06/13/2025 00:26	WG2537266
Zinc	ND		64.6	5	06/13/2025 00:26	WG2537266

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	06/05/2025 17:02	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 17:02*	WG2531597

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		0.0791	1	06/05/2025 18:51	WG2531541
Acrylonitrile	ND		0.0198	1	06/05/2025 18:51	WG2531541
Benzene	ND		0.00158	1	06/05/2025 18:51	WG2531541
Bromobenzene	ND		0.0198	1	06/05/2025 18:51	WG2531541
Bromodichloromethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
Bromoform	ND		0.0396	1	06/05/2025 18:51	WG2531541
Bromomethane	ND		0.0198	1	06/05/2025 18:51	WG2531541
n-Butylbenzene	ND		0.0198	1	06/05/2025 18:51	WG2531541
sec-Butylbenzene	ND		0.0198	1	06/05/2025 18:51	WG2531541
tert-Butylbenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
Carbon tetrachloride	ND		0.00791	1	06/05/2025 18:51	WG2531541
Chlorobenzene	ND		0.00396	1	06/05/2025 18:51	WG2531541
Chlorodibromomethane	ND		0.00396	1	06/05/2025 18:51	WG2531541

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		0.00791	1	06/05/2025 18:51	WG2531541
Chloroform	0.00855	B	0.00396	1	06/05/2025 18:51	WG2531541
Chloromethane	ND		0.0198	1	06/05/2025 18:51	WG2531541
2-Chlorotoluene	ND		0.00396	1	06/05/2025 18:51	WG2531541
4-Chlorotoluene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0396	1	06/05/2025 18:51	WG2531541
1,2-Dibromoethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
Dibromomethane	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,2-Dichlorobenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,3-Dichlorobenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,4-Dichlorobenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
Dichlorodifluoromethane	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,1-Dichloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,2-Dichloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,1-Dichloroethene	ND		0.00396	1	06/05/2025 18:51	WG2531541
cis-1,2-Dichloroethene	ND		0.00396	1	06/05/2025 18:51	WG2531541
trans-1,2-Dichloroethene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,2-Dichloropropane	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,1-Dichloropropene	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,3-Dichloropropane	ND		0.00791	1	06/05/2025 18:51	WG2531541
cis-1,3-Dichloropropene	ND		0.00396	1	06/05/2025 18:51	WG2531541
trans-1,3-Dichloropropene	ND		0.00791	1	06/05/2025 18:51	WG2531541
2,2-Dichloropropane	ND	J4	0.00396	1	06/05/2025 18:51	WG2531541
Di-isopropyl ether	ND		0.00158	1	06/05/2025 18:51	WG2531541
Ethylbenzene	ND		0.0158	1	06/05/2025 18:51	WG2531541
Hexachloro-1,3-butadiene	ND		0.0396	1	06/05/2025 18:51	WG2531541
Isopropylbenzene	ND		0.00396	1	06/05/2025 18:51	WG2531541
p-Isopropyltoluene	ND		0.00791	1	06/05/2025 18:51	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.158	1	06/05/2025 18:51	WG2531541
Methylene Chloride	ND		0.0396	1	06/05/2025 18:51	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0396	1	06/05/2025 18:51	WG2531541
Methyl tert-butyl ether	ND		0.00158	1	06/05/2025 18:51	WG2531541
n-Propylbenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
Styrene	ND		0.0198	1	06/05/2025 18:51	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
Tetrachloroethene	ND		0.00396	1	06/05/2025 18:51	WG2531541
Toluene	ND		0.0158	1	06/05/2025 18:51	WG2531541
1,2,3-Trichlorobenzene	ND		0.0198	1	06/05/2025 18:51	WG2531541
1,2,4-Trichlorobenzene	ND		0.0198	1	06/05/2025 18:51	WG2531541
1,1,1-Trichloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,1,2-Trichloroethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
Trichloroethene	ND		0.00158	1	06/05/2025 18:51	WG2531541
Trichlorofluoromethane	ND		0.00396	1	06/05/2025 18:51	WG2531541
1,2,3-Trichloropropane	ND		0.0198	1	06/05/2025 18:51	WG2531541
1,2,3-Trimethylbenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,2,4-Trimethylbenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
1,3,5-Trimethylbenzene	ND		0.00791	1	06/05/2025 18:51	WG2531541
Vinyl chloride	ND		0.00396	1	06/05/2025 18:51	WG2531541
Xylenes, Total	ND		0.158	1	06/05/2025 18:51	WG2531541
(S) Toluene-d8	*97.3*		*75.0-131*		*06/05/2025 18:51*	WG2531541
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*06/05/2025 18:51*	WG2531541
(S) 1,2-Dichloroethane-d4	*99.6*		*70.0-130*		*06/05/2025 18:51*	WG2531541

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	33.2		25.8	5	06/06/2025 12:57	WG2531927
C28-C36 Motor Oil Range	229		25.8	5	06/06/2025 12:57	WG2531927
(S) o-Terphenyl	*54.3*		*18.0-148*		*06/06/2025 12:57*	WG2531927

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	06/06/2025 03:35	WG2531932
Benzidine	ND	J4	4.31	2	06/06/2025 03:35	WG2531932
Benzo(g,h,i)perylene	ND		0.0860	2	06/06/2025 03:35	WG2531932
Bis(2-chlorethoxy)methane	ND		0.860	2	06/06/2025 03:35	WG2531932
Bis(2-chloroethyl)ether	ND		0.860	2	06/06/2025 03:35	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.860	2	06/06/2025 03:35	WG2531932
4-Bromophenyl-phenylether	ND		0.860	2	06/06/2025 03:35	WG2531932
2-Chloronaphthalene	ND		0.0860	2	06/06/2025 03:35	WG2531932
4-Chlorophenyl-phenylether	ND		0.860	2	06/06/2025 03:35	WG2531932
1,2-Dichlorobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
1,3-Dichlorobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
1,4-Dichlorobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
3,3-Dichlorobenzidine	ND		0.860	2	06/06/2025 03:35	WG2531932
2,4-Dinitrotoluene	ND		0.860	2	06/06/2025 03:35	WG2531932
2,6-Dinitrotoluene	ND		0.860	2	06/06/2025 03:35	WG2531932
Hexachlorobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
Hexachloro-1,3-butadiene	ND		0.860	2	06/06/2025 03:35	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.860	2	06/06/2025 03:35	WG2531932
Hexachloroethane	ND		0.860	2	06/06/2025 03:35	WG2531932
Isophorone	ND		0.860	2	06/06/2025 03:35	WG2531932
Nitrobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
n-Nitrosodimethylamine	ND		0.860	2	06/06/2025 03:35	WG2531932
n-Nitrosodiphenylamine	ND		0.860	2	06/06/2025 03:35	WG2531932
n-Nitrosodi-n-propylamine	ND		0.860	2	06/06/2025 03:35	WG2531932
Phenanthrene	ND		0.0860	2	06/06/2025 03:35	WG2531932
Benzylbutyl phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
Di-n-butyl phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
Diethyl phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
Dimethyl phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
Di-n-octyl phthalate	ND		0.860	2	06/06/2025 03:35	WG2531932
1,2,4-Trichlorobenzene	ND		0.860	2	06/06/2025 03:35	WG2531932
4-Chloro-3-methylphenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2-Chlorophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2,4-Dichlorophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2,4-Dimethylphenol	ND		0.860	2	06/06/2025 03:35	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2,4-Dinitrophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2-Nitrophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
4-Nitrophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
Pentachlorophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
Phenol	ND		0.860	2	06/06/2025 03:35	WG2531932
2,4,6-Trichlorophenol	ND		0.860	2	06/06/2025 03:35	WG2531932
(S) 2-Fluorophenol	*81.0*		*12.0-120*		*06/06/2025 03:35*	WG2531932
(S) Phenol-d5	*76.1*		*10.0-120*		*06/06/2025 03:35*	WG2531932
(S) Nitrobenzene-d5	*79.0*		*10.0-122*		*06/06/2025 03:35*	WG2531932
(S) 2-Fluorobiphenyl	*78.4*		*15.0-120*		*06/06/2025 03:35*	WG2531932
(S) 2,4,6-Tribromophenol	*88.9*		*10.0-127*		*06/06/2025 03:35*	WG2531932
(S) p-Terphenyl-d14	*84.6*		*10.0-120*		*06/06/2025 03:35*	WG2531932

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:

L1866147-04 WG2531932: 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	06/06/2025 03:37	WG2531921
Acenaphthene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Acenaphthylene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Benzo(a)anthracene	ND		0.00775	1	06/06/2025 03:37	WG2531921
Benzo(a)pyrene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Benzo(b)fluoranthene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Benzo(g,h,i)perylene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Benzo(k)fluoranthene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Chrysene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Dibenz(a,h)anthracene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Fluoranthene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Fluorene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Naphthalene	ND		0.00387	1	06/06/2025 03:37	WG2531921
Phenanthrene	ND		0.0426	1	06/06/2025 03:37	WG2531921
Pyrene	ND		0.0426	1	06/06/2025 03:37	WG2531921
1-Methylnaphthalene	ND		0.00387	1	06/06/2025 03:37	WG2531921
2-Methylnaphthalene	ND		0.0155	1	06/06/2025 03:37	WG2531921
(S) p-Terphenyl-d14	*86.7*		*23.0-120*		*06/06/2025 03:37*	WG2531921
(S) Nitrobenzene-d5	*85.6*		*14.0-149*		*06/06/2025 03:37*	WG2531921
(S) 2-Fluorobiphenyl	*87.8*		*34.0-125*		*06/06/2025 03:37*	WG2531921

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	06/05/2025 11:49	WG2531462
Acrolein	ND		0.0500	1	06/05/2025 11:49	WG2531462
Acrylonitrile	ND		0.0100	1	06/05/2025 11:49	WG2531462
Benzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Bromobenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Bromodichloromethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
Bromoform	ND		0.00100	1	06/05/2025 11:49	WG2531462
Bromomethane	ND		0.00500	1	06/05/2025 11:49	WG2531462
n-Butylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
sec-Butylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
tert-Butylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Carbon tetrachloride	ND		0.00100	1	06/05/2025 11:49	WG2531462
Chlorobenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Chlorodibromomethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
Chloroethane	ND		0.00500	1	06/05/2025 11:49	WG2531462
Chloroform	ND		0.00500	1	06/05/2025 11:49	WG2531462
Chloromethane	ND		0.00250	1	06/05/2025 11:49	WG2531462
2-Chlorotoluene	ND		0.00100	1	06/05/2025 11:49	WG2531462
4-Chlorotoluene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/05/2025 11:49	WG2531462
1,2-Dibromoethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
Dibromomethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,2-Dichlorobenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,3-Dichlorobenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,4-Dichlorobenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Dichlorodifluoromethane	ND	C3	0.00500	1	06/05/2025 11:49	WG2531462
1,1-Dichloroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,2-Dichloroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,1-Dichloroethene	ND		0.00100	1	06/05/2025 11:49	WG2531462
cis-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 11:49	WG2531462
trans-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,2-Dichloropropane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,1-Dichloropropene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,3-Dichloropropane	ND		0.00100	1	06/05/2025 11:49	WG2531462
cis-1,3-Dichloropropene	ND	C3 J4	0.00100	1	06/05/2025 11:49	WG2531462
trans-1,3-Dichloropropene	ND		0.00100	1	06/05/2025 11:49	WG2531462
2,2-Dichloropropane	ND	C3	0.00100	1	06/05/2025 11:49	WG2531462
Di-isopropyl ether	ND		0.00100	1	06/05/2025 11:49	WG2531462
Ethylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Hexachloro-1,3-butadiene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Isopropylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
p-Isopropyltoluene	ND		0.00100	1	06/05/2025 11:49	WG2531462
2-Butanone (MEK)	ND		0.0100	1	06/05/2025 11:49	WG2531462
Methylene Chloride	ND		0.00500	1	06/05/2025 11:49	WG2531462
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/05/2025 11:49	WG2531462
Methyl tert-butyl ether	ND		0.00100	1	06/05/2025 11:49	WG2531462
Naphthalene	ND	C3 J4	0.00500	1	06/05/2025 11:49	WG2531462
n-Propylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Styrene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
Tetrachloroethene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Toluene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,2,3-Trichlorobenzene	ND		0.00100	1	06/05/2025 17:48	WG2531939
1,2,4-Trichlorobenzene	ND	C3 J4	0.00100	1	06/05/2025 11:49	WG2531462

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	06/05/2025 11:49	WG2531462
1,1,2-Trichloroethane	ND		0.00100	1	06/05/2025 11:49	WG2531462
Trichloroethene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Trichlorofluoromethane	ND		0.00500	1	06/05/2025 11:49	WG2531462
1,2,3-Trichloropropane	ND		0.00250	1	06/05/2025 11:49	WG2531462
1,2,4-Trimethylbenzene	ND	C3	0.00100	1	06/05/2025 11:49	WG2531462
1,2,3-Trimethylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
1,3,5-Trimethylbenzene	ND		0.00100	1	06/05/2025 11:49	WG2531462
Vinyl chloride	ND		0.00100	1	06/05/2025 11:49	WG2531462
Xylenes, Total	ND		0.00300	1	06/05/2025 11:49	WG2531462
(S) Toluene-d8	*110*		*80.0-120*		*06/05/2025 11:49*	WG2531462
(S) Toluene-d8	*102*		*80.0-120*		*06/05/2025 17:48*	WG2531939
(S) 4-Bromofluorobenzene	*95.0*		*77.0-126*		*06/05/2025 11:49*	WG2531462
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*06/05/2025 17:48*	WG2531939
(S) 1,2-Dichloroethane-d4	*87.3*		*70.0-130*		*06/05/2025 11:49*	WG2531462
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/05/2025 17:48*	WG2531939

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.86		1	06/12/2025 13:15	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	4450		24.4	1	06/09/2025 16:43	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.9		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.2	1	06/09/2025 00:09	WG2532200

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	4390		122	5	06/09/2025 16:43	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.244	1	06/07/2025 17:41	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.97		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-06 WG2536673: 7.97 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	929	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-06 WG2536689: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	62.7		24.4	1	06/06/2025 06:25	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	45900		900	9	06/06/2025 14:24	WG2531983

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	1.28		0.200	1	06/11/2025 23:12	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2090		24.4	1	06/07/2025 10:24	WG2533012
Antimony	ND		2.44	1	06/07/2025 10:24	WG2533012
Beryllium	ND		0.244	1	06/07/2025 10:24	WG2533012
Calcium	6710		122	1	06/07/2025 10:24	WG2533012
Chromium	7.97		1.22	1	06/07/2025 10:24	WG2533012
Cobalt	1.85		1.22	1	06/07/2025 10:24	WG2533012
Iron	4210		12.2	1	06/07/2025 10:24	WG2533012
Magnesium	1500		122	1	06/07/2025 10:24	WG2533012
Manganese	146		1.22	1	06/07/2025 10:24	WG2533012
Potassium	2320		122	1	06/07/2025 10:24	WG2533012
Sodium	ND		122	1	06/07/2025 10:24	WG2533012
Thallium	ND		2.44	1	06/07/2025 10:24	WG2533012
Vanadium	6.87		2.44	1	06/07/2025 10:24	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	11.9		0.122	5	06/13/2025 00:42	WG2537266
Barium	63.5		12.2	5	06/13/2025 00:42	WG2537266
Cadmium	0.259		0.122	5	06/13/2025 00:42	WG2537266
Copper	19.3		12.2	5	06/13/2025 00:42	WG2537266
Lead	ND		12.2	5	06/13/2025 00:42	WG2537266
Nickel	ND		12.2	5	06/13/2025 00:42	WG2537266
Selenium	0.192		0.122	5	06/13/2025 00:42	WG2537266
Silver	ND		0.611	5	06/13/2025 00:42	WG2537266
Zinc	74.9		61.1	5	06/13/2025 00:42	WG2537266

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		3.61	25	06/05/2025 17:26	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 17:26*	WG2531597

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		0.0721	1	06/05/2025 19:10	WG2531541
Acrylonitrile	ND		0.0180	1	06/05/2025 19:10	WG2531541
Benzene	ND		0.00144	1	06/05/2025 19:10	WG2531541
Bromobenzene	ND		0.0180	1	06/05/2025 19:10	WG2531541
Bromodichloromethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
Bromoform	ND		0.0361	1	06/05/2025 19:10	WG2531541
Bromomethane	ND		0.0180	1	06/05/2025 19:10	WG2531541
n-Butylbenzene	ND		0.0180	1	06/05/2025 19:10	WG2531541
sec-Butylbenzene	ND		0.0180	1	06/05/2025 19:10	WG2531541
tert-Butylbenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
Carbon tetrachloride	ND		0.00721	1	06/05/2025 19:10	WG2531541
Chlorobenzene	ND		0.00361	1	06/05/2025 19:10	WG2531541
Chlorodibromomethane	ND		0.00361	1	06/05/2025 19:10	WG2531541

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		0.00721	1	06/05/2025 19:10	WG2531541
Chloroform	0.00757	B	0.00361	1	06/05/2025 19:10	WG2531541
Chloromethane	ND		0.0180	1	06/05/2025 19:10	WG2531541
2-Chlorotoluene	ND		0.00361	1	06/05/2025 19:10	WG2531541
4-Chlorotoluene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0361	1	06/05/2025 19:10	WG2531541
1,2-Dibromoethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
Dibromomethane	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,2-Dichlorobenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,3-Dichlorobenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,4-Dichlorobenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
Dichlorodifluoromethane	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,1-Dichloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,2-Dichloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,1-Dichloroethene	ND		0.00361	1	06/05/2025 19:10	WG2531541
cis-1,2-Dichloroethene	ND		0.00361	1	06/05/2025 19:10	WG2531541
trans-1,2-Dichloroethene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,2-Dichloropropane	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,1-Dichloropropene	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,3-Dichloropropane	ND		0.00721	1	06/05/2025 19:10	WG2531541
cis-1,3-Dichloropropene	ND		0.00361	1	06/05/2025 19:10	WG2531541
trans-1,3-Dichloropropene	ND		0.00721	1	06/05/2025 19:10	WG2531541
2,2-Dichloropropane	ND	J4	0.00361	1	06/05/2025 19:10	WG2531541
Di-isopropyl ether	ND		0.00144	1	06/05/2025 19:10	WG2531541
Ethylbenzene	ND		0.0144	1	06/05/2025 19:10	WG2531541
Hexachloro-1,3-butadiene	ND		0.0361	1	06/05/2025 19:10	WG2531541
Isopropylbenzene	ND		0.00361	1	06/05/2025 19:10	WG2531541
p-Isopropyltoluene	ND		0.00721	1	06/05/2025 19:10	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.144	1	06/05/2025 19:10	WG2531541
Methylene Chloride	ND		0.0361	1	06/05/2025 19:10	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0361	1	06/05/2025 19:10	WG2531541
Methyl tert-butyl ether	ND		0.00144	1	06/05/2025 19:10	WG2531541
n-Propylbenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
Styrene	ND		0.0180	1	06/05/2025 19:10	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
Tetrachloroethene	ND		0.00361	1	06/05/2025 19:10	WG2531541
Toluene	ND		0.0144	1	06/05/2025 19:10	WG2531541
1,2,3-Trichlorobenzene	ND		0.0180	1	06/05/2025 19:10	WG2531541
1,2,4-Trichlorobenzene	ND		0.0180	1	06/05/2025 19:10	WG2531541
1,1,1-Trichloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,1,2-Trichloroethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
Trichloroethene	ND		0.00144	1	06/05/2025 19:10	WG2531541
Trichlorofluoromethane	ND		0.00361	1	06/05/2025 19:10	WG2531541
1,2,3-Trichloropropane	ND		0.0180	1	06/05/2025 19:10	WG2531541
1,2,3-Trimethylbenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,2,4-Trimethylbenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
1,3,5-Trimethylbenzene	ND		0.00721	1	06/05/2025 19:10	WG2531541
Vinyl chloride	ND		0.00361	1	06/05/2025 19:10	WG2531541
Xylenes, Total	ND		0.144	1	06/05/2025 19:10	WG2531541
(S) Toluene-d8	*97.1*		*75.0-131*		*06/05/2025 19:10*	WG2531541
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*06/05/2025 19:10*	WG2531541
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*06/05/2025 19:10*	WG2531541

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	60.9		24.4	5	06/06/2025 13:23	WG2531927
C28-C36 Motor Oil Range	317		24.4	5	06/06/2025 13:23	WG2531927
(S) o-Terphenyl	*45.8*		*18.0-148*		*06/06/2025 13:23*	WG2531927

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		0.0813	2	06/06/2025 02:11	WG2531932
Benzidine	ND	J4	4.08	2	06/06/2025 02:11	WG2531932
Benzo(g,h,i)perylene	ND		0.0813	2	06/06/2025 02:11	WG2531932
Bis(2-chlorethoxy)methane	ND		0.813	2	06/06/2025 02:11	WG2531932
Bis(2-chloroethyl)ether	ND		0.813	2	06/06/2025 02:11	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.813	2	06/06/2025 02:11	WG2531932
4-Bromophenyl-phenylether	ND		0.813	2	06/06/2025 02:11	WG2531932
2-Chloronaphthalene	ND		0.0813	2	06/06/2025 02:11	WG2531932
4-Chlorophenyl-phenylether	ND		0.813	2	06/06/2025 02:11	WG2531932
1,2-Dichlorobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
1,3-Dichlorobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
1,4-Dichlorobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
3,3-Dichlorobenzidine	ND		0.813	2	06/06/2025 02:11	WG2531932
2,4-Dinitrotoluene	ND		0.813	2	06/06/2025 02:11	WG2531932
2,6-Dinitrotoluene	ND		0.813	2	06/06/2025 02:11	WG2531932
Hexachlorobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
Hexachloro-1,3-butadiene	ND		0.813	2	06/06/2025 02:11	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.813	2	06/06/2025 02:11	WG2531932
Hexachloroethane	ND		0.813	2	06/06/2025 02:11	WG2531932
Isophorone	ND		0.813	2	06/06/2025 02:11	WG2531932
Nitrobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
n-Nitrosodimethylamine	ND		0.813	2	06/06/2025 02:11	WG2531932
n-Nitrosodiphenylamine	ND		0.813	2	06/06/2025 02:11	WG2531932
n-Nitrosodi-n-propylamine	ND		0.813	2	06/06/2025 02:11	WG2531932
Phenanthrene	ND		0.0813	2	06/06/2025 02:11	WG2531932
Benzylbutyl phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
Di-n-butyl phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
Diethyl phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
Dimethyl phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
Di-n-octyl phthalate	ND		0.813	2	06/06/2025 02:11	WG2531932
1,2,4-Trichlorobenzene	ND		0.813	2	06/06/2025 02:11	WG2531932
4-Chloro-3-methylphenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2-Chlorophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2,4-Dichlorophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2,4-Dimethylphenol	ND		0.813	2	06/06/2025 02:11	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2,4-Dinitrophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2-Nitrophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
4-Nitrophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
Pentachlorophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
Phenol	ND		0.813	2	06/06/2025 02:11	WG2531932
2,4,6-Trichlorophenol	ND		0.813	2	06/06/2025 02:11	WG2531932
(S) 2-Fluorophenol	*79.5*		*12.0-120*		*06/06/2025 02:11*	WG2531932
(S) Phenol-d5	*74.1*		*10.0-120*		*06/06/2025 02:11*	WG2531932
(S) Nitrobenzene-d5	*79.4*		*10.0-122*		*06/06/2025 02:11*	WG2531932
(S) 2-Fluorobiphenyl	*74.8*		*15.0-120*		*06/06/2025 02:11*	WG2531932
(S) 2,4,6-Tribromophenol	*88.1*		*10.0-127*		*06/06/2025 02:11*	WG2531932
(S) p-Terphenyl-d14	*79.4*		*10.0-120*		*06/06/2025 02:11*	WG2531932

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:

L1866147-06 WG2531932: 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		0.0403	1	06/06/2025 02:27	WG2531921
Acenaphthene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Acenaphthylene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Benzo(a)anthracene	ND		0.00733	1	06/06/2025 02:27	WG2531921
Benzo(a)pyrene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Benzo(b)fluoranthene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Benzo(g,h,i)perylene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Benzo(k)fluoranthene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Chrysene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Dibenz(a,h)anthracene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Fluoranthene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Fluorene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Naphthalene	ND		0.00366	1	06/06/2025 02:27	WG2531921
Phenanthrene	ND		0.0403	1	06/06/2025 02:27	WG2531921
Pyrene	ND		0.0403	1	06/06/2025 02:27	WG2531921
1-Methylnaphthalene	ND		0.00366	1	06/06/2025 02:27	WG2531921
2-Methylnaphthalene	ND		0.0147	1	06/06/2025 02:27	WG2531921
(S) p-Terphenyl-d14	*90.5*		*23.0-120*		*06/06/2025 02:27*	WG2531921
(S) Nitrobenzene-d5	*91.6*		*14.0-149*		*06/06/2025 02:27*	WG2531921
(S) 2-Fluorobiphenyl	*94.5*		*34.0-125*		*06/06/2025 02:27*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.684		1	06/12/2025 13:17	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	1320		22.3	1	06/09/2025 15:52	WG2531593

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	89.7		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.1	1	06/09/2025 00:10	WG2532200

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	1310		111	5	06/09/2025 15:52	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.223	1	06/07/2025 17:59	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.43		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-07 WG2536673: 7.43 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	301	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-07 WG2536689: 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		22.3	1	06/06/2025 06:37	WG2531593

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	11200		500	5	06/06/2025 14:24	WG2531983

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	0.783		0.200	1	06/11/2025 23:14	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2290		22.3	1	06/07/2025 10:26	WG2533012
Antimony	ND		2.23	1	06/07/2025 10:26	WG2533012
Beryllium	0.263		0.223	1	06/07/2025 10:26	WG2533012
Calcium	3440		111	1	06/07/2025 10:26	WG2533012
Chromium	2.83		1.11	1	06/07/2025 10:26	WG2533012
Cobalt	2.00		1.11	1	06/07/2025 10:26	WG2533012
Iron	4800		11.1	1	06/07/2025 10:26	WG2533012
Magnesium	1020		111	1	06/07/2025 10:26	WG2533012
Manganese	153		1.11	1	06/07/2025 10:26	WG2533012
Potassium	1250		111	1	06/07/2025 10:26	WG2533012
Sodium	ND		111	1	06/07/2025 10:26	WG2533012
Thallium	ND		2.23	1	06/07/2025 10:26	WG2533012
Vanadium	7.31		2.23	1	06/07/2025 10:26	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.39		0.111	5	06/13/2025 00:45	WG2537266
Barium	42.9		11.1	5	06/13/2025 00:45	WG2537266
Cadmium	0.200		0.111	5	06/13/2025 00:45	WG2537266
Copper	ND		11.1	5	06/13/2025 00:45	WG2537266
Lead	ND		11.1	5	06/13/2025 00:45	WG2537266
Nickel	ND		11.1	5	06/13/2025 00:45	WG2537266
Selenium	ND		0.111	5	06/13/2025 00:45	WG2537266
Silver	ND		0.557	5	06/13/2025 00:45	WG2537266
Zinc	ND		55.7	5	06/13/2025 00:45	WG2537266

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		3.07	25	06/05/2025 17:50	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*104*		*77.0-120*		*06/05/2025 17:50*	WG2531597

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		0.0615	1	06/05/2025 19:28	WG2531541
Acrylonitrile	ND		0.0154	1	06/05/2025 19:28	WG2531541
Benzene	ND		0.00123	1	06/05/2025 19:28	WG2531541
Bromobenzene	ND		0.0154	1	06/05/2025 19:28	WG2531541
Bromodichloromethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
Bromoform	ND		0.0307	1	06/05/2025 19:28	WG2531541
Bromomethane	ND		0.0154	1	06/05/2025 19:28	WG2531541
n-Butylbenzene	ND		0.0154	1	06/05/2025 19:28	WG2531541
sec-Butylbenzene	ND		0.0154	1	06/05/2025 19:28	WG2531541
tert-Butylbenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
Carbon tetrachloride	ND		0.00615	1	06/05/2025 19:28	WG2531541
Chlorobenzene	ND		0.00307	1	06/05/2025 19:28	WG2531541
Chlorodibromomethane	ND		0.00307	1	06/05/2025 19:28	WG2531541

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		0.00615	1	06/05/2025 19:28	WG2531541
Chloroform	0.00584	B	0.00307	1	06/05/2025 19:28	WG2531541
Chloromethane	ND		0.0154	1	06/05/2025 19:28	WG2531541
2-Chlorotoluene	ND		0.00307	1	06/05/2025 19:28	WG2531541
4-Chlorotoluene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0307	1	06/05/2025 19:28	WG2531541
1,2-Dibromoethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
Dibromomethane	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,2-Dichlorobenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,3-Dichlorobenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,4-Dichlorobenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
Dichlorodifluoromethane	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,1-Dichloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,2-Dichloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,1-Dichloroethene	ND		0.00307	1	06/05/2025 19:28	WG2531541
cis-1,2-Dichloroethene	ND		0.00307	1	06/05/2025 19:28	WG2531541
trans-1,2-Dichloroethene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,2-Dichloropropane	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,1-Dichloropropene	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,3-Dichloropropane	ND		0.00615	1	06/05/2025 19:28	WG2531541
cis-1,3-Dichloropropene	ND		0.00307	1	06/05/2025 19:28	WG2531541
trans-1,3-Dichloropropene	ND		0.00615	1	06/05/2025 19:28	WG2531541
2,2-Dichloropropane	ND	J4	0.00307	1	06/05/2025 19:28	WG2531541
Di-isopropyl ether	ND		0.00123	1	06/05/2025 19:28	WG2531541
Ethylbenzene	ND		0.0123	1	06/05/2025 19:28	WG2531541
Hexachloro-1,3-butadiene	ND		0.0307	1	06/05/2025 19:28	WG2531541
Isopropylbenzene	ND		0.00307	1	06/05/2025 19:28	WG2531541
p-Isopropyltoluene	ND		0.00615	1	06/05/2025 19:28	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.123	1	06/05/2025 19:28	WG2531541
Methylene Chloride	ND		0.0307	1	06/05/2025 19:28	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0307	1	06/05/2025 19:28	WG2531541
Methyl tert-butyl ether	ND		0.00123	1	06/05/2025 19:28	WG2531541
n-Propylbenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
Styrene	ND		0.0154	1	06/05/2025 19:28	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
Tetrachloroethene	ND		0.00307	1	06/05/2025 19:28	WG2531541
Toluene	ND		0.0123	1	06/05/2025 19:28	WG2531541
1,2,3-Trichlorobenzene	ND		0.0154	1	06/05/2025 19:28	WG2531541
1,2,4-Trichlorobenzene	ND		0.0154	1	06/05/2025 19:28	WG2531541
1,1,1-Trichloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,1,2-Trichloroethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
Trichloroethene	ND		0.00123	1	06/05/2025 19:28	WG2531541
Trichlorofluoromethane	ND		0.00307	1	06/05/2025 19:28	WG2531541
1,2,3-Trichloropropane	ND		0.0154	1	06/05/2025 19:28	WG2531541
1,2,3-Trimethylbenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,2,4-Trimethylbenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
1,3,5-Trimethylbenzene	ND		0.00615	1	06/05/2025 19:28	WG2531541
Vinyl chloride	ND		0.00307	1	06/05/2025 19:28	WG2531541
Xylenes, Total	ND		0.123	1	06/05/2025 19:28	WG2531541
(S) Toluene-d8	*97.7*		*75.0-131*		*06/05/2025 19:28*	WG2531541
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*06/05/2025 19:28*	WG2531541
(S) 1,2-Dichloroethane-d4	*97.6*		*70.0-130*		*06/05/2025 19:28*	WG2531541

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	49.3		44.6	10	06/06/2025 13:10	WG2531927
C28-C36 Motor Oil Range	229		44.6	10	06/06/2025 13:10	WG2531927
(S) o-Terphenyl	*68.1*		*18.0-148*		*06/06/2025 13:10*	WG2531927

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		0.0742	2	06/06/2025 01:50	WG2531932
Benzidine	ND	J4	3.72	2	06/06/2025 01:50	WG2531932
Benzo(g,h,i)perylene	ND		0.0742	2	06/06/2025 01:50	WG2531932
Bis(2-chlorethoxy)methane	ND		0.742	2	06/06/2025 01:50	WG2531932
Bis(2-chloroethyl)ether	ND		0.742	2	06/06/2025 01:50	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.742	2	06/06/2025 01:50	WG2531932
4-Bromophenyl-phenylether	ND		0.742	2	06/06/2025 01:50	WG2531932
2-Chloronaphthalene	ND		0.0742	2	06/06/2025 01:50	WG2531932
4-Chlorophenyl-phenylether	ND		0.742	2	06/06/2025 01:50	WG2531932
1,2-Dichlorobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
1,3-Dichlorobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
1,4-Dichlorobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
3,3-Dichlorobenzidine	ND		0.742	2	06/06/2025 01:50	WG2531932
2,4-Dinitrotoluene	ND		0.742	2	06/06/2025 01:50	WG2531932
2,6-Dinitrotoluene	ND		0.742	2	06/06/2025 01:50	WG2531932
Hexachlorobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
Hexachloro-1,3-butadiene	ND		0.742	2	06/06/2025 01:50	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.742	2	06/06/2025 01:50	WG2531932
Hexachloroethane	ND		0.742	2	06/06/2025 01:50	WG2531932
Isophorone	ND		0.742	2	06/06/2025 01:50	WG2531932
Nitrobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
n-Nitrosodimethylamine	ND		0.742	2	06/06/2025 01:50	WG2531932
n-Nitrosodiphenylamine	ND		0.742	2	06/06/2025 01:50	WG2531932
n-Nitrosodi-n-propylamine	ND		0.742	2	06/06/2025 01:50	WG2531932
Phenanthrene	ND		0.0742	2	06/06/2025 01:50	WG2531932
Benzylbutyl phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
Di-n-butyl phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
Diethyl phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
Dimethyl phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
Di-n-octyl phthalate	ND		0.742	2	06/06/2025 01:50	WG2531932
1,2,4-Trichlorobenzene	ND		0.742	2	06/06/2025 01:50	WG2531932
4-Chloro-3-methylphenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2-Chlorophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2,4-Dichlorophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2,4-Dimethylphenol	ND		0.742	2	06/06/2025 01:50	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2,4-Dinitrophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2-Nitrophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
4-Nitrophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
Pentachlorophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
Phenol	ND		0.742	2	06/06/2025 01:50	WG2531932
2,4,6-Trichlorophenol	ND		0.742	2	06/06/2025 01:50	WG2531932
(S) 2-Fluorophenol	*81.5*		*12.0-120*		*06/06/2025 01:50*	WG2531932
(S) Phenol-d5	*76.6*		*10.0-120*		*06/06/2025 01:50*	WG2531932
(S) Nitrobenzene-d5	*78.5*		*10.0-122*		*06/06/2025 01:50*	WG2531932
(S) 2-Fluorobiphenyl	*79.1*		*15.0-120*		*06/06/2025 01:50*	WG2531932
(S) 2,4,6-Tribromophenol	*95.6*		*10.0-127*		*06/06/2025 01:50*	WG2531932
(S) p-Terphenyl-d14	*86.7*		*10.0-120*		*06/06/2025 01:50*	WG2531932

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:

L1866147-07 WG2531932: 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		0.0368	1	06/06/2025 01:00	WG2531921
Acenaphthene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Acenaphthylene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Benzo(a)anthracene	ND		0.00669	1	06/06/2025 01:00	WG2531921
Benzo(a)pyrene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Benzo(b)fluoranthene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Benzo(g,h,i)perylene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Benzo(k)fluoranthene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Chrysene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Dibenz(a,h)anthracene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Fluoranthene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Fluorene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Naphthalene	ND		0.00334	1	06/06/2025 01:00	WG2531921
Phenanthrene	ND		0.0368	1	06/06/2025 01:00	WG2531921
Pyrene	ND		0.0368	1	06/06/2025 01:00	WG2531921
1-Methylnaphthalene	ND		0.00334	1	06/06/2025 01:00	WG2531921
2-Methylnaphthalene	ND		0.0134	1	06/06/2025 01:00	WG2531921
(S) p-Terphenyl-d14	*99.6*		*23.0-120*		*06/06/2025 01:00*	WG2531921
(S) Nitrobenzene-d5	*100*		*14.0-149*		*06/06/2025 01:00*	WG2531921
(S) 2-Fluorobiphenyl	*103*		*34.0-125*		*06/06/2025 01:00*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.258		1	06/12/2025 13:19	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	6870		122	1	06/09/2025 16:47	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.2		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.6	1	06/09/2025 00:12	WG2532200

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	6580		232	10	06/09/2025 16:47	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.232	1	06/06/2025 14:32	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.64		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-08 WG2536673: 7.64 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1880	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-08 WG2536689: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	282		122	5.25	06/06/2025 01:03	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	46900		1000	10	06/06/2025 14:51	WG2531907

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	3.95		0.200	1	06/11/2025 23:16	WG2534606

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4430		23.2	1	06/05/2025 18:08	WG2531883
Antimony	ND		2.32	1	06/05/2025 18:08	WG2531883
Beryllium	0.480		0.232	1	06/05/2025 18:08	WG2531883
Calcium	22100		116	1	06/05/2025 18:08	WG2531883
Chromium	5.67		1.16	1	06/05/2025 18:08	WG2531883
Cobalt	3.73		1.16	1	06/05/2025 18:08	WG2531883
Iron	8050		11.6	1	06/05/2025 18:08	WG2531883
Magnesium	2790		116	1	06/05/2025 18:08	WG2531883
Manganese	268		1.16	1	06/05/2025 18:08	WG2531883
Potassium	4370		116	1	06/05/2025 18:08	WG2531883
Sodium	181		116	1	06/05/2025 18:08	WG2531883
Thallium	ND		2.32	1	06/05/2025 18:08	WG2531883
Vanadium	13.9		2.32	1	06/05/2025 18:08	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.16		0.116	5	06/13/2025 00:48	WG2537266
Barium	80.9		11.6	5	06/13/2025 00:48	WG2537266
Cadmium	0.313		0.116	5	06/13/2025 00:48	WG2537266
Copper	16.7		11.6	5	06/13/2025 00:48	WG2537266
Lead	ND		11.6	5	06/13/2025 00:48	WG2537266
Nickel	ND		11.6	5	06/13/2025 00:48	WG2537266
Selenium	0.243		0.116	5	06/13/2025 00:48	WG2537266
Silver	ND		0.580	5	06/13/2025 00:48	WG2537266
Zinc	79.4		58.0	5	06/13/2025 00:48	WG2537266

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		3.30	25	06/05/2025 18:13	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 18:13*	WG2531597

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		0.0661	1	06/05/2025 19:47	WG2531541
Acrylonitrile	ND		0.0165	1	06/05/2025 19:47	WG2531541
Benzene	ND		0.00132	1	06/05/2025 19:47	WG2531541
Bromobenzene	ND		0.0165	1	06/05/2025 19:47	WG2531541
Bromodichloromethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
Bromoform	ND		0.0330	1	06/05/2025 19:47	WG2531541
Bromomethane	ND		0.0165	1	06/05/2025 19:47	WG2531541
n-Butylbenzene	ND		0.0165	1	06/05/2025 19:47	WG2531541
sec-Butylbenzene	ND		0.0165	1	06/05/2025 19:47	WG2531541
tert-Butylbenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
Carbon tetrachloride	ND		0.00661	1	06/05/2025 19:47	WG2531541
Chlorobenzene	ND		0.00330	1	06/05/2025 19:47	WG2531541
Chlorodibromomethane	ND		0.00330	1	06/05/2025 19:47	WG2531541

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		0.00661	1	06/05/2025 19:47	WG2531541
Chloroform	0.00625	B	0.00330	1	06/05/2025 19:47	WG2531541
Chloromethane	ND		0.0165	1	06/05/2025 19:47	WG2531541
2-Chlorotoluene	ND		0.00330	1	06/05/2025 19:47	WG2531541
4-Chlorotoluene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0330	1	06/05/2025 19:47	WG2531541
1,2-Dibromoethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
Dibromomethane	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,2-Dichlorobenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,3-Dichlorobenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,4-Dichlorobenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
Dichlorodifluoromethane	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,1-Dichloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,2-Dichloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,1-Dichloroethene	ND		0.00330	1	06/05/2025 19:47	WG2531541
cis-1,2-Dichloroethene	ND		0.00330	1	06/05/2025 19:47	WG2531541
trans-1,2-Dichloroethene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,2-Dichloropropane	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,1-Dichloropropene	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,3-Dichloropropane	ND		0.00661	1	06/05/2025 19:47	WG2531541
cis-1,3-Dichloropropene	ND		0.00330	1	06/05/2025 19:47	WG2531541
trans-1,3-Dichloropropene	ND		0.00661	1	06/05/2025 19:47	WG2531541
2,2-Dichloropropane	ND	J4	0.00330	1	06/05/2025 19:47	WG2531541
Di-isopropyl ether	ND		0.00132	1	06/05/2025 19:47	WG2531541
Ethylbenzene	ND		0.0132	1	06/05/2025 19:47	WG2531541
Hexachloro-1,3-butadiene	ND		0.0330	1	06/05/2025 19:47	WG2531541
Isopropylbenzene	ND		0.00330	1	06/05/2025 19:47	WG2531541
p-Isopropyltoluene	ND		0.00661	1	06/05/2025 19:47	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.132	1	06/05/2025 19:47	WG2531541
Methylene Chloride	ND		0.0330	1	06/05/2025 19:47	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0330	1	06/05/2025 19:47	WG2531541
Methyl tert-butyl ether	ND		0.00132	1	06/05/2025 19:47	WG2531541
n-Propylbenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
Styrene	ND		0.0165	1	06/05/2025 19:47	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
Tetrachloroethene	ND		0.00330	1	06/05/2025 19:47	WG2531541
Toluene	ND		0.0132	1	06/05/2025 19:47	WG2531541
1,2,3-Trichlorobenzene	ND		0.0165	1	06/05/2025 19:47	WG2531541
1,2,4-Trichlorobenzene	ND		0.0165	1	06/05/2025 19:47	WG2531541
1,1,1-Trichloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,1,2-Trichloroethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
Trichloroethene	ND		0.00132	1	06/05/2025 19:47	WG2531541
Trichlorofluoromethane	ND		0.00330	1	06/05/2025 19:47	WG2531541
1,2,3-Trichloropropane	ND		0.0165	1	06/05/2025 19:47	WG2531541
1,2,3-Trimethylbenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,2,4-Trimethylbenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
1,3,5-Trimethylbenzene	ND		0.00661	1	06/05/2025 19:47	WG2531541
Vinyl chloride	ND		0.00330	1	06/05/2025 19:47	WG2531541
Xylenes, Total	ND		0.132	1	06/05/2025 19:47	WG2531541
(S) Toluene-d8	*100*		*75.0-131*		*06/05/2025 19:47*	WG2531541
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*06/05/2025 19:47*	WG2531541
(S) 1,2-Dichloroethane-d4	*84.4*		*70.0-130*		*06/05/2025 19:47*	WG2531541

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	53.0		23.2	5	06/06/2025 13:23	WG2531927
C28-C36 Motor Oil Range	359		23.2	5	06/06/2025 13:23	WG2531927
(S) o-Terphenyl	*47.8*		*18.0-148*		*06/06/2025 13:23*	WG2531927

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		0.0773	2	06/06/2025 02:53	WG2531932
Benzidine	ND	J4	3.88	2	06/06/2025 02:53	WG2531932
Benzo(g,h,i)perylene	ND		0.0773	2	06/06/2025 02:53	WG2531932
Bis(2-chlorethoxy)methane	ND		0.773	2	06/06/2025 02:53	WG2531932
Bis(2-chloroethyl)ether	ND		0.773	2	06/06/2025 02:53	WG2531932
2,2-Oxybis(1-Chloropropane)	ND		0.773	2	06/06/2025 02:53	WG2531932
4-Bromophenyl-phenylether	ND		0.773	2	06/06/2025 02:53	WG2531932
2-Chloronaphthalene	ND		0.0773	2	06/06/2025 02:53	WG2531932
4-Chlorophenyl-phenylether	ND		0.773	2	06/06/2025 02:53	WG2531932
1,2-Dichlorobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
1,3-Dichlorobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
1,4-Dichlorobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
3,3-Dichlorobenzidine	ND		0.773	2	06/06/2025 02:53	WG2531932
2,4-Dinitrotoluene	ND		0.773	2	06/06/2025 02:53	WG2531932
2,6-Dinitrotoluene	ND		0.773	2	06/06/2025 02:53	WG2531932
Hexachlorobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
Hexachloro-1,3-butadiene	ND		0.773	2	06/06/2025 02:53	WG2531932
Hexachlorocyclopentadiene	ND	C7	0.773	2	06/06/2025 02:53	WG2531932
Hexachloroethane	ND		0.773	2	06/06/2025 02:53	WG2531932
Isophorone	ND		0.773	2	06/06/2025 02:53	WG2531932
Nitrobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
n-Nitrosodimethylamine	ND		0.773	2	06/06/2025 02:53	WG2531932
n-Nitrosodiphenylamine	ND		0.773	2	06/06/2025 02:53	WG2531932
n-Nitrosodi-n-propylamine	ND		0.773	2	06/06/2025 02:53	WG2531932
Phenanthrene	ND		0.0773	2	06/06/2025 02:53	WG2531932
Benzylbutyl phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
Di-n-butyl phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
Diethyl phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
Dimethyl phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
Di-n-octyl phthalate	ND		0.773	2	06/06/2025 02:53	WG2531932
1,2,4-Trichlorobenzene	ND		0.773	2	06/06/2025 02:53	WG2531932
4-Chloro-3-methylphenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2-Chlorophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2,4-Dichlorophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2,4-Dimethylphenol	ND		0.773	2	06/06/2025 02:53	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2,4-Dinitrophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2-Nitrophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
4-Nitrophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
Pentachlorophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
Phenol	ND		0.773	2	06/06/2025 02:53	WG2531932
2,4,6-Trichlorophenol	ND		0.773	2	06/06/2025 02:53	WG2531932
(S) 2-Fluorophenol	*75.6*		*12.0-120*		*06/06/2025 02:53*	WG2531932
(S) Phenol-d5	*71.8*		*10.0-120*		*06/06/2025 02:53*	WG2531932
(S) Nitrobenzene-d5	*73.0*		*10.0-122*		*06/06/2025 02:53*	WG2531932
(S) 2-Fluorobiphenyl	*72.7*		*15.0-120*		*06/06/2025 02:53*	WG2531932
(S) 2,4,6-Tribromophenol	*89.7*		*10.0-127*		*06/06/2025 02:53*	WG2531932
(S) p-Terphenyl-d14	*79.7*		*10.0-120*		*06/06/2025 02:53*	WG2531932

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:

L1866147-08 WG2531932: 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		0.0383	1	06/06/2025 03:02	WG2531921
Acenaphthene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Acenaphthylene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Benzo(a)anthracene	ND		0.00696	1	06/06/2025 03:02	WG2531921
Benzo(a)pyrene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Benzo(b)fluoranthene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Benzo(g,h,i)perylene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Benzo(k)fluoranthene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Chrysene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Dibenz(a,h)anthracene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Fluoranthene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Fluorene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Naphthalene	ND		0.00348	1	06/06/2025 03:02	WG2531921
Phenanthrene	ND		0.0383	1	06/06/2025 03:02	WG2531921
Pyrene	ND		0.0383	1	06/06/2025 03:02	WG2531921
1-Methylnaphthalene	ND		0.00348	1	06/06/2025 03:02	WG2531921
2-Methylnaphthalene	ND		0.0139	1	06/06/2025 03:02	WG2531921
(S) p-Terphenyl-d14	*68.9*		*23.0-120*		*06/06/2025 03:02*	WG2531921
(S) Nitrobenzene-d5	*70.6*		*14.0-149*		*06/06/2025 03:02*	WG2531921
(S) 2-Fluorobiphenyl	*72.5*		*34.0-125*		*06/06/2025 03:02*	WG2531921

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	06/05/2025 12:09	WG2531462
Acrolein	ND		0.0500	1	06/05/2025 12:09	WG2531462
Acrylonitrile	ND		0.0100	1	06/05/2025 12:09	WG2531462
Benzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Bromobenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Bromodichloromethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
Bromoform	ND		0.00100	1	06/05/2025 12:09	WG2531462
Bromomethane	ND		0.00500	1	06/05/2025 12:09	WG2531462
n-Butylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
sec-Butylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
tert-Butylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Carbon tetrachloride	ND		0.00100	1	06/05/2025 12:09	WG2531462
Chlorobenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Chlorodibromomethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
Chloroethane	ND		0.00500	1	06/05/2025 12:09	WG2531462
Chloroform	ND		0.00500	1	06/05/2025 12:09	WG2531462
Chloromethane	ND		0.00250	1	06/05/2025 12:09	WG2531462
2-Chlorotoluene	ND		0.00100	1	06/05/2025 12:09	WG2531462
4-Chlorotoluene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/05/2025 12:09	WG2531462
1,2-Dibromoethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
Dibromomethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,2-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,3-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,4-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Dichlorodifluoromethane	ND	C3	0.00500	1	06/05/2025 12:09	WG2531462
1,1-Dichloroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,2-Dichloroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,1-Dichloroethene	ND		0.00100	1	06/05/2025 12:09	WG2531462
cis-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:09	WG2531462
trans-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,2-Dichloropropane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,1-Dichloropropene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,3-Dichloropropane	ND		0.00100	1	06/05/2025 12:09	WG2531462
cis-1,3-Dichloropropene	ND	C3 J4	0.00100	1	06/05/2025 12:09	WG2531462
trans-1,3-Dichloropropene	ND		0.00100	1	06/05/2025 12:09	WG2531462
2,2-Dichloropropane	ND	C3	0.00100	1	06/05/2025 12:09	WG2531462
Di-isopropyl ether	ND		0.00100	1	06/05/2025 12:09	WG2531462
Ethylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Hexachloro-1,3-butadiene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Isopropylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
p-Isopropyltoluene	ND		0.00100	1	06/05/2025 12:09	WG2531462
2-Butanone (MEK)	ND		0.0100	1	06/05/2025 12:09	WG2531462
Methylene Chloride	ND		0.00500	1	06/05/2025 12:09	WG2531462
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/05/2025 12:09	WG2531462
Methyl tert-butyl ether	ND		0.00100	1	06/05/2025 12:09	WG2531462
Naphthalene	ND	C3 J4	0.00500	1	06/05/2025 12:09	WG2531462
n-Propylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Styrene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
Tetrachloroethene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Toluene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,2,3-Trichlorobenzene	ND		0.00100	1	06/05/2025 18:10	WG2531939
1,2,4-Trichlorobenzene	ND	C3 J4	0.00100	1	06/05/2025 12:09	WG2531462

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	06/05/2025 12:09	WG2531462
1,1,2-Trichloroethane	ND		0.00100	1	06/05/2025 12:09	WG2531462
Trichloroethene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Trichlorofluoromethane	ND		0.00500	1	06/05/2025 12:09	WG2531462
1,2,3-Trichloropropane	ND		0.00250	1	06/05/2025 12:09	WG2531462
1,2,4-Trimethylbenzene	ND	C3	0.00100	1	06/05/2025 12:09	WG2531462
1,2,3-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
1,3,5-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:09	WG2531462
Vinyl chloride	ND		0.00100	1	06/05/2025 12:09	WG2531462
Xylenes, Total	ND		0.00300	1	06/05/2025 12:09	WG2531462
(S) Toluene-d8	*106*		*80.0-120*		*06/05/2025 12:09*	WG2531462
(S) Toluene-d8	*102*		*80.0-120*		*06/05/2025 18:10*	WG2531939
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*06/05/2025 12:09*	WG2531462
(S) 4-Bromofluorobenzene	*99.7*		*77.0-126*		*06/05/2025 18:10*	WG2531939
(S) 1,2-Dichloroethane-d4	*92.1*		*70.0-130*		*06/05/2025 12:09*	WG2531462
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/05/2025 18:10*	WG2531939

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.310		1	06/12/2025 13:20	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	643		24.0	1	06/09/2025 16:00	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.8		1	06/05/2025 10:24	WG2531364

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.5	1	06/09/2025 00:13	WG2532200

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	568		115	5	06/09/2025 16:00	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.230	1	06/06/2025 14:52	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.01		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-10 WG2536673: 8.01 at 21.3C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	810	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-10 WG2536689: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	75.5		24.0	1.04	06/06/2025 01:19	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4530		500	5	06/06/2025 14:52	WG2531907

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	0.837		0.200	1	06/13/2025 06:49	WG2536739

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3250		23.0	1	06/05/2025 18:09	WG2531883
Antimony	ND		2.30	1	06/05/2025 18:09	WG2531883
Beryllium	0.342		0.230	1	06/05/2025 18:09	WG2531883
Calcium	17500		115	1	06/05/2025 18:09	WG2531883
Chromium	3.54		1.15	1	06/05/2025 18:09	WG2531883
Cobalt	2.75		1.15	1	06/05/2025 18:09	WG2531883
Iron	5570		11.5	1	06/05/2025 18:09	WG2531883
Magnesium	2180		115	1	06/05/2025 18:09	WG2531883
Manganese	145		1.15	1	06/05/2025 18:09	WG2531883
Potassium	1970		115	1	06/05/2025 18:09	WG2531883
Sodium	127		115	1	06/05/2025 18:09	WG2531883
Thallium	ND		2.30	1	06/05/2025 18:09	WG2531883
Vanadium	11.0		2.30	1	06/05/2025 18:09	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.92		0.115	5	06/13/2025 00:51	WG2537266
Barium	59.8		11.5	5	06/13/2025 00:51	WG2537266
Cadmium	0.158		0.115	5	06/13/2025 00:51	WG2537266
Copper	ND		11.5	5	06/13/2025 00:51	WG2537266
Lead	ND		11.5	5	06/13/2025 00:51	WG2537266
Nickel	ND		11.5	5	06/13/2025 00:51	WG2537266
Selenium	0.144		0.115	5	06/13/2025 00:51	WG2537266
Silver	ND		0.576	5	06/13/2025 00:51	WG2537266
Zinc	ND		57.6	5	06/13/2025 00:51	WG2537266

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		3.26	25	06/05/2025 18:37	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 18:37*	WG2531597

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		0.0652	1	06/05/2025 20:06	WG2531541
Acrylonitrile	ND		0.0163	1	06/05/2025 20:06	WG2531541
Benzene	ND		0.00130	1	06/05/2025 20:06	WG2531541
Bromobenzene	ND		0.0163	1	06/05/2025 20:06	WG2531541
Bromodichloromethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
Bromoform	ND		0.0326	1	06/05/2025 20:06	WG2531541
Bromomethane	ND		0.0163	1	06/05/2025 20:06	WG2531541
n-Butylbenzene	ND		0.0163	1	06/05/2025 20:06	WG2531541
sec-Butylbenzene	ND		0.0163	1	06/05/2025 20:06	WG2531541
tert-Butylbenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
Carbon tetrachloride	ND		0.00652	1	06/05/2025 20:06	WG2531541
Chlorobenzene	ND		0.00326	1	06/05/2025 20:06	WG2531541
Chlorodibromomethane	ND		0.00326	1	06/05/2025 20:06	WG2531541

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		0.00652	1	06/05/2025 20:06	WG2531541
Chloroform	0.00600	B	0.00326	1	06/05/2025 20:06	WG2531541
Chloromethane	ND		0.0163	1	06/05/2025 20:06	WG2531541
2-Chlorotoluene	ND		0.00326	1	06/05/2025 20:06	WG2531541
4-Chlorotoluene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0326	1	06/05/2025 20:06	WG2531541
1,2-Dibromoethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
Dibromomethane	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,2-Dichlorobenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,3-Dichlorobenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,4-Dichlorobenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
Dichlorodifluoromethane	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,1-Dichloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,2-Dichloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,1-Dichloroethene	ND		0.00326	1	06/05/2025 20:06	WG2531541
cis-1,2-Dichloroethene	ND		0.00326	1	06/05/2025 20:06	WG2531541
trans-1,2-Dichloroethene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,2-Dichloropropane	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,1-Dichloropropene	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,3-Dichloropropane	ND		0.00652	1	06/05/2025 20:06	WG2531541
cis-1,3-Dichloropropene	ND		0.00326	1	06/05/2025 20:06	WG2531541
trans-1,3-Dichloropropene	ND		0.00652	1	06/05/2025 20:06	WG2531541
2,2-Dichloropropane	ND	J4	0.00326	1	06/05/2025 20:06	WG2531541
Di-isopropyl ether	ND		0.00130	1	06/05/2025 20:06	WG2531541
Ethylbenzene	ND		0.0130	1	06/05/2025 20:06	WG2531541
Hexachloro-1,3-butadiene	ND		0.0326	1	06/05/2025 20:06	WG2531541
Isopropylbenzene	ND		0.00326	1	06/05/2025 20:06	WG2531541
p-Isopropyltoluene	ND		0.00652	1	06/05/2025 20:06	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.130	1	06/05/2025 20:06	WG2531541
Methylene Chloride	ND		0.0326	1	06/05/2025 20:06	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0326	1	06/05/2025 20:06	WG2531541
Methyl tert-butyl ether	ND		0.00130	1	06/05/2025 20:06	WG2531541
n-Propylbenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
Styrene	ND		0.0163	1	06/05/2025 20:06	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
Tetrachloroethene	ND		0.00326	1	06/05/2025 20:06	WG2531541
Toluene	ND		0.0130	1	06/05/2025 20:06	WG2531541
1,2,3-Trichlorobenzene	ND		0.0163	1	06/05/2025 20:06	WG2531541
1,2,4-Trichlorobenzene	ND		0.0163	1	06/05/2025 20:06	WG2531541
1,1,1-Trichloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,1,2-Trichloroethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
Trichloroethene	ND		0.00130	1	06/05/2025 20:06	WG2531541
Trichlorofluoromethane	ND		0.00326	1	06/05/2025 20:06	WG2531541
1,2,3-Trichloropropane	ND		0.0163	1	06/05/2025 20:06	WG2531541
1,2,3-Trimethylbenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,2,4-Trimethylbenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
1,3,5-Trimethylbenzene	ND		0.00652	1	06/05/2025 20:06	WG2531541
Vinyl chloride	ND		0.00326	1	06/05/2025 20:06	WG2531541
Xylenes, Total	ND		0.130	1	06/05/2025 20:06	WG2531541
(S) Toluene-d8	*101*		*75.0-131*		*06/05/2025 20:06*	WG2531541
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*06/05/2025 20:06*	WG2531541
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*06/05/2025 20:06*	WG2531541

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	4.67		4.61	1	06/06/2025 12:45	WG2531927
C28-C36 Motor Oil Range	24.1		4.61	1	06/06/2025 12:45	WG2531927
(S) o-Terphenyl	*64.6*		*18.0-148*		*06/06/2025 12:45*	WG2531927

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		0.0767	2	06/06/2025 03:42	WG2531932
Benzidine	ND	J4	3.85	2	06/06/2025 03:42	WG2531932
Benzo(g,h,i)perylene	ND		0.0767	2	06/06/2025 03:42	WG2531932
Bis(2-chlorethoxy)methane	ND		0.767	2	06/06/2025 03:42	WG2531932
Bis(2-chloroethyl)ether	ND		0.767	2	06/06/2025 03:42	WG2531932
2,2-Oxybis(1-Chloropropane)	ND	C3	0.767	2	06/06/2025 03:42	WG2531932
4-Bromophenyl-phenylether	ND		0.767	2	06/06/2025 03:42	WG2531932
2-Chloronaphthalene	ND		0.0767	2	06/06/2025 03:42	WG2531932
4-Chlorophenyl-phenylether	ND		0.767	2	06/06/2025 03:42	WG2531932
1,2-Dichlorobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
1,3-Dichlorobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
1,4-Dichlorobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
3,3-Dichlorobenzidine	ND		0.767	2	06/06/2025 03:42	WG2531932
2,4-Dinitrotoluene	ND		0.767	2	06/06/2025 03:42	WG2531932
2,6-Dinitrotoluene	ND		0.767	2	06/06/2025 03:42	WG2531932
Hexachlorobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
Hexachloro-1,3-butadiene	ND		0.767	2	06/06/2025 03:42	WG2531932
Hexachlorocyclopentadiene	ND	C3	0.767	2	06/06/2025 03:42	WG2531932
Hexachloroethane	ND		0.767	2	06/06/2025 03:42	WG2531932
Isophorone	ND		0.767	2	06/06/2025 03:42	WG2531932
Nitrobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
n-Nitrosodimethylamine	ND	C3	0.767	2	06/06/2025 03:42	WG2531932
n-Nitrosodiphenylamine	ND		0.767	2	06/06/2025 03:42	WG2531932
n-Nitrosodi-n-propylamine	ND		0.767	2	06/06/2025 03:42	WG2531932
Phenanthrene	ND		0.0767	2	06/06/2025 03:42	WG2531932
Benzylbutyl phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
Di-n-butyl phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
Diethyl phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
Dimethyl phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
Di-n-octyl phthalate	ND		0.767	2	06/06/2025 03:42	WG2531932
1,2,4-Trichlorobenzene	ND		0.767	2	06/06/2025 03:42	WG2531932
4-Chloro-3-methylphenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2-Chlorophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2,4-Dichlorophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2,4-Dimethylphenol	ND		0.767	2	06/06/2025 03:42	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2,4-Dinitrophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2-Nitrophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
4-Nitrophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
Pentachlorophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
Phenol	ND		0.767	2	06/06/2025 03:42	WG2531932
2,4,6-Trichlorophenol	ND		0.767	2	06/06/2025 03:42	WG2531932
(S) 2-Fluorophenol	*77.3*		*12.0-120*		*06/06/2025 03:42*	WG2531932
(S) Phenol-d5	*63.9*		*10.0-120*		*06/06/2025 03:42*	WG2531932
(S) Nitrobenzene-d5	*64.2*		*10.0-122*		*06/06/2025 03:42*	WG2531932
(S) 2-Fluorobiphenyl	*68.5*		*15.0-120*		*06/06/2025 03:42*	WG2531932
(S) 2,4,6-Tribromophenol	*83.8*		*10.0-127*		*06/06/2025 03:42*	WG2531932
(S) p-Terphenyl-d14	*80.9*		*10.0-120*		*06/06/2025 03:42*	WG2531932

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:

L1866147-10 WG2531932: 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		0.0380	1	06/06/2025 02:44	WG2531921
Acenaphthene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Acenaphthylene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Benzo(a)anthracene	ND		0.00691	1	06/06/2025 02:44	WG2531921
Benzo(a)pyrene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Benzo(b)fluoranthene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Benzo(g,h,i)perylene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Benzo(k)fluoranthene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Chrysene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Dibenz(a,h)anthracene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Fluoranthene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Fluorene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Naphthalene	ND		0.00346	1	06/06/2025 02:44	WG2531921
Phenanthrene	ND		0.0380	1	06/06/2025 02:44	WG2531921
Pyrene	ND		0.0380	1	06/06/2025 02:44	WG2531921
1-Methylnaphthalene	ND		0.00346	1	06/06/2025 02:44	WG2531921
2-Methylnaphthalene	ND		0.0138	1	06/06/2025 02:44	WG2531921
(S) p-Terphenyl-d14	*90.6*		*23.0-120*		*06/06/2025 02:44*	WG2531921
(S) Nitrobenzene-d5	*87.2*		*14.0-149*		*06/06/2025 02:44*	WG2531921
(S) 2-Fluorobiphenyl	*89.3*		*34.0-125*		*06/06/2025 02:44*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.756		1	06/12/2025 13:22	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	912		24.6	1	06/09/2025 16:02	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	81.3		1	06/05/2025 10:24	WG2531364

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 00:15	WG2532200

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	900		123	5	06/09/2025 16:02	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.246	1	06/06/2025 15:02	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.09		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-11 WG2536673: 8.09 at 21.2C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	567	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-11 WG2536689: 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		24.6	1	06/06/2025 01:36	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	14900		500	5	06/06/2025 14:52	WG2531907

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	0.760		0.200	1	06/13/2025 06:51	WG2536739

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	1860		24.6	1	06/05/2025 18:11	WG2531883
Antimony	ND		2.46	1	06/05/2025 18:11	WG2531883
Beryllium	ND		0.246	1	06/05/2025 18:11	WG2531883
Calcium	2690		123	1	06/05/2025 18:11	WG2531883
Chromium	2.31		1.23	1	06/05/2025 18:11	WG2531883
Cobalt	1.65		1.23	1	06/05/2025 18:11	WG2531883
Iron	2320		12.3	1	06/05/2025 18:11	WG2531883
Magnesium	877		123	1	06/05/2025 18:11	WG2531883
Manganese	99.6		1.23	1	06/05/2025 18:11	WG2531883
Potassium	1580		123	1	06/05/2025 18:11	WG2531883
Sodium	ND		123	1	06/05/2025 18:11	WG2531883
Thallium	ND		2.46	1	06/05/2025 18:11	WG2531883
Vanadium	5.41		2.46	1	06/05/2025 18:11	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.15		0.123	5	06/13/2025 00:54	WG2537266
Barium	40.7		12.3	5	06/13/2025 00:54	WG2537266
Cadmium	0.159		0.123	5	06/13/2025 00:54	WG2537266
Copper	ND		12.3	5	06/13/2025 00:54	WG2537266
Lead	ND		12.3	5	06/13/2025 00:54	WG2537266
Nickel	ND		12.3	5	06/13/2025 00:54	WG2537266
Selenium	0.129		0.123	5	06/13/2025 00:54	WG2537266
Silver	ND		0.615	5	06/13/2025 00:54	WG2537266
Zinc	ND		61.5	5	06/13/2025 00:54	WG2537266

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		3.65	25	06/05/2025 19:00	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 19:00*	WG2531597

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		0.0730	1	06/05/2025 20:25	WG2531541
Acrylonitrile	ND		0.0182	1	06/05/2025 20:25	WG2531541
Benzene	ND		0.00146	1	06/05/2025 20:25	WG2531541
Bromobenzene	ND		0.0182	1	06/05/2025 20:25	WG2531541
Bromodichloromethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
Bromoform	ND		0.0365	1	06/05/2025 20:25	WG2531541
Bromomethane	ND		0.0182	1	06/05/2025 20:25	WG2531541
n-Butylbenzene	ND		0.0182	1	06/05/2025 20:25	WG2531541
sec-Butylbenzene	ND		0.0182	1	06/05/2025 20:25	WG2531541
tert-Butylbenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
Carbon tetrachloride	ND		0.00730	1	06/05/2025 20:25	WG2531541
Chlorobenzene	ND		0.00365	1	06/05/2025 20:25	WG2531541
Chlorodibromomethane	ND		0.00365	1	06/05/2025 20:25	WG2531541

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		0.00730	1	06/05/2025 20:25	WG2531541
Chloroform	0.00646	B	0.00365	1	06/05/2025 20:25	WG2531541
Chloromethane	ND		0.0182	1	06/05/2025 20:25	WG2531541
2-Chlorotoluene	ND		0.00365	1	06/05/2025 20:25	WG2531541
4-Chlorotoluene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0365	1	06/05/2025 20:25	WG2531541
1,2-Dibromoethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
Dibromomethane	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,2-Dichlorobenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,3-Dichlorobenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,4-Dichlorobenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
Dichlorodifluoromethane	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,1-Dichloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,2-Dichloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,1-Dichloroethene	ND		0.00365	1	06/05/2025 20:25	WG2531541
cis-1,2-Dichloroethene	ND		0.00365	1	06/05/2025 20:25	WG2531541
trans-1,2-Dichloroethene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,2-Dichloropropane	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,1-Dichloropropene	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,3-Dichloropropane	ND		0.00730	1	06/05/2025 20:25	WG2531541
cis-1,3-Dichloropropene	ND		0.00365	1	06/05/2025 20:25	WG2531541
trans-1,3-Dichloropropene	ND		0.00730	1	06/05/2025 20:25	WG2531541
2,2-Dichloropropane	ND	J4	0.00365	1	06/05/2025 20:25	WG2531541
Di-isopropyl ether	ND		0.00146	1	06/05/2025 20:25	WG2531541
Ethylbenzene	ND		0.0146	1	06/05/2025 20:25	WG2531541
Hexachloro-1,3-butadiene	ND		0.0365	1	06/05/2025 20:25	WG2531541
Isopropylbenzene	ND		0.00365	1	06/05/2025 20:25	WG2531541
p-Isopropyltoluene	ND		0.00730	1	06/05/2025 20:25	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.146	1	06/05/2025 20:25	WG2531541
Methylene Chloride	ND		0.0365	1	06/05/2025 20:25	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0365	1	06/05/2025 20:25	WG2531541
Methyl tert-butyl ether	ND		0.00146	1	06/05/2025 20:25	WG2531541
n-Propylbenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
Styrene	ND		0.0182	1	06/05/2025 20:25	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
Tetrachloroethene	ND		0.00365	1	06/05/2025 20:25	WG2531541
Toluene	ND		0.0146	1	06/05/2025 20:25	WG2531541
1,2,3-Trichlorobenzene	ND		0.0182	1	06/05/2025 20:25	WG2531541
1,2,4-Trichlorobenzene	ND		0.0182	1	06/05/2025 20:25	WG2531541
1,1,1-Trichloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,1,2-Trichloroethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
Trichloroethene	ND		0.00146	1	06/05/2025 20:25	WG2531541
Trichlorofluoromethane	ND		0.00365	1	06/05/2025 20:25	WG2531541
1,2,3-Trichloropropane	ND		0.0182	1	06/05/2025 20:25	WG2531541
1,2,3-Trimethylbenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,2,4-Trimethylbenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
1,3,5-Trimethylbenzene	ND		0.00730	1	06/05/2025 20:25	WG2531541
Vinyl chloride	ND		0.00365	1	06/05/2025 20:25	WG2531541
Xylenes, Total	ND		0.146	1	06/05/2025 20:25	WG2531541
(S) Toluene-d8	*99.8*		*75.0-131*		*06/05/2025 20:25*	WG2531541
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*06/05/2025 20:25*	WG2531541
(S) 1,2-Dichloroethane-d4	*95.2*		*70.0-130*		*06/05/2025 20:25*	WG2531541

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		98.3	20	06/06/2025 14:40	WG2531927
C28-C36 Motor Oil Range	191		98.3	20	06/06/2025 14:40	WG2531927
(S) o-Terphenyl	*68.4*	J7	*18.0-148*		*06/06/2025 14:40*	WG2531927

Sample Narrative:

L1866147-11 WG2531927: Cannot run at lower dilution due to viscosity of extract.

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		0.0819	2	06/06/2025 04:03	WG2531932
Benzidine	ND	J4	4.11	2	06/06/2025 04:03	WG2531932
Benzo(g,h,i)perylene	ND		0.0819	2	06/06/2025 04:03	WG2531932
Bis(2-chlorethoxy)methane	ND		0.819	2	06/06/2025 04:03	WG2531932
Bis(2-chloroethyl)ether	ND		0.819	2	06/06/2025 04:03	WG2531932
2,2-Oxybis(1-Chloropropane)	ND	C3	0.819	2	06/06/2025 04:03	WG2531932
4-Bromophenyl-phenylether	ND		0.819	2	06/06/2025 04:03	WG2531932
2-Chloronaphthalene	ND		0.0819	2	06/06/2025 04:03	WG2531932
4-Chlorophenyl-phenylether	ND		0.819	2	06/06/2025 04:03	WG2531932
1,2-Dichlorobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
1,3-Dichlorobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
1,4-Dichlorobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
3,3-Dichlorobenzidine	ND		0.819	2	06/06/2025 04:03	WG2531932
2,4-Dinitrotoluene	ND		0.819	2	06/06/2025 04:03	WG2531932
2,6-Dinitrotoluene	ND		0.819	2	06/06/2025 04:03	WG2531932
Hexachlorobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
Hexachloro-1,3-butadiene	ND		0.819	2	06/06/2025 04:03	WG2531932
Hexachlorocyclopentadiene	ND	C3	0.819	2	06/06/2025 04:03	WG2531932
Hexachloroethane	ND		0.819	2	06/06/2025 04:03	WG2531932
Isophorone	ND		0.819	2	06/06/2025 04:03	WG2531932
Nitrobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
n-Nitrosodimethylamine	ND	C3	0.819	2	06/06/2025 04:03	WG2531932
n-Nitrosodiphenylamine	ND		0.819	2	06/06/2025 04:03	WG2531932
n-Nitrosodi-n-propylamine	ND		0.819	2	06/06/2025 04:03	WG2531932
Phenanthrene	ND		0.0819	2	06/06/2025 04:03	WG2531932
Benzylbutyl phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
Bis(2-ethylhexyl)phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
Di-n-butyl phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
Diethyl phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
Dimethyl phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
Di-n-octyl phthalate	ND		0.819	2	06/06/2025 04:03	WG2531932
1,2,4-Trichlorobenzene	ND		0.819	2	06/06/2025 04:03	WG2531932
4-Chloro-3-methylphenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2-Chlorophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2,4-Dichlorophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2,4-Dimethylphenol	ND		0.819	2	06/06/2025 04:03	WG2531932
4,6-Dinitro-2-methylphenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2,4-Dinitrophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2-Nitrophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
4-Nitrophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
Pentachlorophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
Phenol	ND		0.819	2	06/06/2025 04:03	WG2531932
2,4,6-Trichlorophenol	ND		0.819	2	06/06/2025 04:03	WG2531932
(S) 2-Fluorophenol	*61.4*		*12.0-120*		*06/06/2025 04:03*	WG2531932
(S) Phenol-d5	*55.7*		*10.0-120*		*06/06/2025 04:03*	WG2531932
(S) Nitrobenzene-d5	*52.3*		*10.0-122*		*06/06/2025 04:03*	WG2531932

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*60.4*		*15.0-120*		*06/06/2025 04:03*	WG2531932
(S) 2,4,6-Tribromophenol	*82.9*		*10.0-127*		*06/06/2025 04:03*	WG2531932
(S) p-Terphenyl-d14	*80.4*		*10.0-120*		*06/06/2025 04:03*	WG2531932

Sample Narrative:

L1866147-11 WG2531932: 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		0.0406	1	06/06/2025 03:54	WG2531921
Acenaphthene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Acenaphthylene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Benzo(a)anthracene	ND		0.00738	1	06/06/2025 03:54	WG2531921
Benzo(a)pyrene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Benzo(b)fluoranthene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Benzo(g,h,i)perylene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Benzo(k)fluoranthene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Chrysene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Dibenz(a,h)anthracene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Fluoranthene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Fluorene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Naphthalene	ND		0.00369	1	06/06/2025 03:54	WG2531921
Phenanthrene	ND		0.0406	1	06/06/2025 03:54	WG2531921
Pyrene	ND		0.0406	1	06/06/2025 03:54	WG2531921
1-Methylnaphthalene	ND		0.00369	1	06/06/2025 03:54	WG2531921
2-Methylnaphthalene	ND		0.0148	1	06/06/2025 03:54	WG2531921
(S) p-Terphenyl-d14	*82.3*		*23.0-120*		*06/06/2025 03:54*	WG2531921
(S) Nitrobenzene-d5	*75.7*		*14.0-149*		*06/06/2025 03:54*	WG2531921
(S) 2-Fluorobiphenyl	*84.0*		*34.0-125*		*06/06/2025 03:54*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.08		1	06/12/2025 12:41	WG2534602

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2330		23.3	1	06/09/2025 16:03	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.6		1	06/05/2025 10:24	WG2531364

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 00:16	WG2532200

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	2310		114	5	06/09/2025 16:03	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.228	1	06/06/2025 15:11	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.87		1	06/12/2025 07:45	WG2536673

Sample Narrative:

L1866147-12 WG2536673: 7.87 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	613	umhos/cm		10.0	1	06/12/2025 13:05	WG2536689

Sample Narrative:

L1866147-12 WG2536689: 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		23.3	1.02	06/06/2025 01:52	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	15700		500	5	06/06/2025 14:52	WG2531907

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	1.02		0.200	1	06/13/2025 06:53	WG2536739

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2800		22.8	1	06/05/2025 18:16	WG2531883
Antimony	ND		2.28	1	06/05/2025 18:16	WG2531883
Beryllium	0.309		0.228	1	06/05/2025 18:16	WG2531883
Calcium	3860		114	1	06/05/2025 18:16	WG2531883
Chromium	3.74		1.14	1	06/05/2025 18:16	WG2531883
Cobalt	2.79		1.14	1	06/05/2025 18:16	WG2531883
Iron	4490		11.4	1	06/05/2025 18:16	WG2531883
Magnesium	1310		114	1	06/05/2025 18:16	WG2531883
Manganese	156		1.14	1	06/05/2025 18:16	WG2531883
Potassium	2210		114	1	06/05/2025 18:16	WG2531883
Sodium	144		114	1	06/05/2025 18:16	WG2531883
Thallium	ND		2.28	1	06/05/2025 18:16	WG2531883
Vanadium	8.99		2.28	1	06/05/2025 18:16	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.03		0.114	5	06/12/2025 22:15	WG2537271
Barium	49.3		11.4	5	06/12/2025 22:15	WG2537271
Cadmium	0.191		0.114	5	06/12/2025 22:15	WG2537271
Copper	ND		11.4	5	06/12/2025 22:15	WG2537271
Lead	ND		11.4	5	06/12/2025 22:15	WG2537271
Nickel	ND		11.4	5	06/12/2025 22:15	WG2537271
Selenium	0.205		0.114	5	06/12/2025 22:15	WG2537271
Silver	ND		0.571	5	06/12/2025 22:15	WG2537271
Zinc	ND		57.1	5	06/12/2025 22:15	WG2537271

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	06/05/2025 19:25	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 19:25*	WG2531597

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		0.0641	1	06/05/2025 20:44	WG2531541
Acrylonitrile	ND		0.0160	1	06/05/2025 20:44	WG2531541
Benzene	ND		0.00128	1	06/05/2025 20:44	WG2531541
Bromobenzene	ND		0.0160	1	06/05/2025 20:44	WG2531541
Bromodichloromethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
Bromoform	ND		0.0321	1	06/05/2025 20:44	WG2531541
Bromomethane	ND		0.0160	1	06/05/2025 20:44	WG2531541
n-Butylbenzene	ND		0.0160	1	06/05/2025 20:44	WG2531541
sec-Butylbenzene	ND		0.0160	1	06/05/2025 20:44	WG2531541
tert-Butylbenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
Carbon tetrachloride	ND		0.00641	1	06/05/2025 20:44	WG2531541
Chlorobenzene	ND		0.00321	1	06/05/2025 20:44	WG2531541
Chlorodibromomethane	ND		0.00321	1	06/05/2025 20:44	WG2531541

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		0.00641	1	06/05/2025 20:44	WG2531541
Chloroform	0.00588	B	0.00321	1	06/05/2025 20:44	WG2531541
Chloromethane	ND		0.0160	1	06/05/2025 20:44	WG2531541
2-Chlorotoluene	ND		0.00321	1	06/05/2025 20:44	WG2531541
4-Chlorotoluene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,2-Dibromo-3-Chloropropane	ND		0.0321	1	06/05/2025 20:44	WG2531541
1,2-Dibromoethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
Dibromomethane	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,2-Dichlorobenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,3-Dichlorobenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,4-Dichlorobenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
Dichlorodifluoromethane	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,1-Dichloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,2-Dichloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,1-Dichloroethene	ND		0.00321	1	06/05/2025 20:44	WG2531541
cis-1,2-Dichloroethene	ND		0.00321	1	06/05/2025 20:44	WG2531541
trans-1,2-Dichloroethene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,2-Dichloropropane	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,1-Dichloropropene	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,3-Dichloropropane	ND		0.00641	1	06/05/2025 20:44	WG2531541
cis-1,3-Dichloropropene	ND		0.00321	1	06/05/2025 20:44	WG2531541
trans-1,3-Dichloropropene	ND		0.00641	1	06/05/2025 20:44	WG2531541
2,2-Dichloropropane	ND	J4	0.00321	1	06/05/2025 20:44	WG2531541
Di-isopropyl ether	ND		0.00128	1	06/05/2025 20:44	WG2531541
Ethylbenzene	ND		0.0128	1	06/05/2025 20:44	WG2531541
Hexachloro-1,3-butadiene	ND		0.0321	1	06/05/2025 20:44	WG2531541
Isopropylbenzene	ND		0.00321	1	06/05/2025 20:44	WG2531541
p-Isopropyltoluene	ND		0.00641	1	06/05/2025 20:44	WG2531541
2-Butanone (MEK)	ND	J3 J4	0.128	1	06/05/2025 20:44	WG2531541
Methylene Chloride	ND		0.0321	1	06/05/2025 20:44	WG2531541
4-Methyl-2-pentanone (MIBK)	ND		0.0321	1	06/05/2025 20:44	WG2531541
Methyl tert-butyl ether	ND		0.00128	1	06/05/2025 20:44	WG2531541
n-Propylbenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
Styrene	ND		0.0160	1	06/05/2025 20:44	WG2531541
1,1,1,2-Tetrachloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,1,2,2-Tetrachloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,1,2-Trichlorotrifluoroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
Tetrachloroethene	ND		0.00321	1	06/05/2025 20:44	WG2531541
Toluene	ND		0.0128	1	06/05/2025 20:44	WG2531541
1,2,3-Trichlorobenzene	ND		0.0160	1	06/05/2025 20:44	WG2531541
1,2,4-Trichlorobenzene	ND		0.0160	1	06/05/2025 20:44	WG2531541
1,1,1-Trichloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,1,2-Trichloroethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
Trichloroethene	ND		0.00128	1	06/05/2025 20:44	WG2531541
Trichlorofluoromethane	ND		0.00321	1	06/05/2025 20:44	WG2531541
1,2,3-Trichloropropane	ND		0.0160	1	06/05/2025 20:44	WG2531541
1,2,3-Trimethylbenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,2,4-Trimethylbenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
1,3,5-Trimethylbenzene	ND		0.00641	1	06/05/2025 20:44	WG2531541
Vinyl chloride	ND		0.00321	1	06/05/2025 20:44	WG2531541
Xylenes, Total	ND		0.128	1	06/05/2025 20:44	WG2531541
(S) Toluene-d8	*97.2*		*75.0-131*		*06/05/2025 20:44*	WG2531541
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*06/05/2025 20:44*	WG2531541
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*06/05/2025 20:44*	WG2531541

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		91.3	20	06/06/2025 14:52	WG2531927
C28-C36 Motor Oil Range	225		91.3	20	06/06/2025 14:52	WG2531927
(S) o-Terphenyl	*63.1*	J7	*18.0-148*		*06/06/2025 14:52*	WG2531927

Sample Narrative:

L1866147-12 WG2531927: Cannot run at lower dilution due to viscosity of extract.

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		0.0760	2	06/06/2025 01:29	WG2531935
Benzidine	ND	J4	3.81	2	06/06/2025 01:29	WG2531935
Benzo(g,h,i)perylene	ND		0.0760	2	06/06/2025 01:29	WG2531935
Bis(2-chlorethoxy)methane	ND		0.760	2	06/06/2025 01:29	WG2531935
Bis(2-chloroethyl)ether	ND		0.760	2	06/06/2025 01:29	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.760	2	06/06/2025 01:29	WG2531935
4-Bromophenyl-phenylether	ND		0.760	2	06/06/2025 01:29	WG2531935
2-Chloronaphthalene	ND		0.0760	2	06/06/2025 01:29	WG2531935
4-Chlorophenyl-phenylether	ND		0.760	2	06/06/2025 01:29	WG2531935
1,2-Dichlorobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
1,3-Dichlorobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
1,4-Dichlorobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
3,3-Dichlorobenzidine	ND		0.760	2	06/06/2025 01:29	WG2531935
2,4-Dinitrotoluene	ND		0.760	2	06/06/2025 01:29	WG2531935
2,6-Dinitrotoluene	ND		0.760	2	06/06/2025 01:29	WG2531935
Hexachlorobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
Hexachloro-1,3-butadiene	ND		0.760	2	06/06/2025 01:29	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.760	2	06/06/2025 01:29	WG2531935
Hexachloroethane	ND		0.760	2	06/06/2025 01:29	WG2531935
Isophorone	ND		0.760	2	06/06/2025 01:29	WG2531935
Nitrobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
n-Nitrosodimethylamine	ND		0.760	2	06/06/2025 01:29	WG2531935
n-Nitrosodiphenylamine	ND		0.760	2	06/06/2025 01:29	WG2531935
n-Nitrosodi-n-propylamine	ND		0.760	2	06/06/2025 01:29	WG2531935
Phenanthrene	ND		0.0760	2	06/06/2025 01:29	WG2531935
Benzylbutyl phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
Di-n-butyl phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
Diethyl phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
Dimethyl phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
Di-n-octyl phthalate	ND		0.760	2	06/06/2025 01:29	WG2531935
1,2,4-Trichlorobenzene	ND		0.760	2	06/06/2025 01:29	WG2531935
4-Chloro-3-methylphenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2-Chlorophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2,4-Dichlorophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2,4-Dimethylphenol	ND		0.760	2	06/06/2025 01:29	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2,4-Dinitrophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2-Nitrophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
4-Nitrophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
Pentachlorophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
Phenol	ND		0.760	2	06/06/2025 01:29	WG2531935
2,4,6-Trichlorophenol	ND		0.760	2	06/06/2025 01:29	WG2531935
(S) 2-Fluorophenol	*86.1*		*12.0-120*		*06/06/2025 01:29*	WG2531935
(S) Phenol-d5	*80.0*		*10.0-120*		*06/06/2025 01:29*	WG2531935
(S) Nitrobenzene-d5	*82.9*		*10.0-122*		*06/06/2025 01:29*	WG2531935

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*83.2*		*15.0-120*		*06/06/2025 01:29*	WG2531935
(S) 2,4,6-Tribromophenol	*97.6*		*10.0-127*		*06/06/2025 01:29*	WG2531935
(S) p-Terphenyl-d14	*84.8*		*10.0-120*		*06/06/2025 01:29*	WG2531935

Sample Narrative:

L1866147-12 WG2531935: 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		0.0377	1	06/06/2025 04:29	WG2531921
Acenaphthene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Acenaphthylene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Benzo(a)anthracene	ND		0.00685	1	06/06/2025 04:29	WG2531921
Benzo(a)pyrene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Benzo(b)fluoranthene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Benzo(g,h,i)perylene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Benzo(k)fluoranthene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Chrysene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Dibenz(a,h)anthracene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Fluoranthene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Fluorene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Indeno(1,2,3-cd)pyrene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Naphthalene	ND		0.00342	1	06/06/2025 04:29	WG2531921
Phenanthrene	ND		0.0377	1	06/06/2025 04:29	WG2531921
Pyrene	ND		0.0377	1	06/06/2025 04:29	WG2531921
1-Methylnaphthalene	ND		0.00342	1	06/06/2025 04:29	WG2531921
2-Methylnaphthalene	ND		0.0137	1	06/06/2025 04:29	WG2531921
(S) p-Terphenyl-d14	*90.6*		*23.0-120*		*06/06/2025 04:29*	WG2531921
(S) Nitrobenzene-d5	*95.0*		*14.0-149*		*06/06/2025 04:29*	WG2531921
(S) 2-Fluorobiphenyl	*96.1*		*34.0-125*		*06/06/2025 04:29*	WG2531921

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.468		1	06/10/2025 08:02	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3930		28.4	1	06/09/2025 16:05	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	72.6		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		13.8	1	06/08/2025 22:52	WG2532201

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	3890		138	5	06/09/2025 16:05	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.275	1	06/06/2025 15:21	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.25		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-13 WG2534557: 7.25 at 20.9C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1370	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-13 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	44.0		28.4	1.03	06/06/2025 02:08	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	57000		1000	10	06/06/2025 14:56	WG2531907

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	2.66		0.200	1	06/10/2025 08:26	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	1830		27.5	1	06/05/2025 18:18	WG2531883
Antimony	ND		2.75	1	06/05/2025 18:18	WG2531883
Beryllium	ND		0.275	1	06/05/2025 18:18	WG2531883
Calcium	7080		138	1	06/05/2025 18:18	WG2531883
Chromium	2.30		1.38	1	06/05/2025 18:18	WG2531883
Cobalt	1.69		1.38	1	06/05/2025 18:18	WG2531883
Iron	2930		13.8	1	06/05/2025 18:18	WG2531883
Magnesium	1270		138	1	06/05/2025 18:18	WG2531883
Manganese	119		1.38	1	06/05/2025 18:18	WG2531883
Potassium	1890		138	1	06/05/2025 18:18	WG2531883
Sodium	ND		138	1	06/05/2025 18:18	WG2531883
Thallium	ND		2.75	1	06/05/2025 18:18	WG2531883
Vanadium	5.78		2.75	1	06/05/2025 18:18	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.65		0.138	5	06/12/2025 22:18	WG2537271
Barium	43.9		13.8	5	06/12/2025 22:18	WG2537271
Cadmium	0.231		0.138	5	06/12/2025 22:18	WG2537271
Copper	ND		13.8	5	06/12/2025 22:18	WG2537271
Lead	ND		13.8	5	06/12/2025 22:18	WG2537271
Nickel	ND		13.8	5	06/12/2025 22:18	WG2537271
Selenium	0.241		0.138	5	06/12/2025 22:18	WG2537271
Silver	ND		0.688	5	06/12/2025 22:18	WG2537271
Zinc	ND		68.8	5	06/12/2025 22:18	WG2537271

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		4.38	25	06/05/2025 19:49	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 19:49*	WG2531597

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		0.0876	1	06/05/2025 15:33	WG2531782
Acrylonitrile	ND		0.0219	1	06/05/2025 15:33	WG2531782
Benzene	ND		0.00175	1	06/05/2025 15:33	WG2531782
Bromobenzene	ND		0.0219	1	06/05/2025 15:33	WG2531782
Bromodichloromethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
Bromoform	ND		0.0438	1	06/05/2025 15:33	WG2531782
Bromomethane	ND	C3	0.0219	1	06/05/2025 15:33	WG2531782
n-Butylbenzene	ND		0.0219	1	06/05/2025 15:33	WG2531782
sec-Butylbenzene	ND		0.0219	1	06/05/2025 15:33	WG2531782
tert-Butylbenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
Carbon tetrachloride	ND		0.00876	1	06/05/2025 15:33	WG2531782
Chlorobenzene	ND		0.00438	1	06/05/2025 15:33	WG2531782
Chlorodibromomethane	ND		0.00438	1	06/05/2025 15:33	WG2531782

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	0.00876	1	06/05/2025 15:33	WG2531782
Chloroform	ND		0.00438	1	06/05/2025 15:33	WG2531782
Chloromethane	ND		0.0219	1	06/05/2025 15:33	WG2531782
2-Chlorotoluene	ND		0.00438	1	06/05/2025 15:33	WG2531782
4-Chlorotoluene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0438	1	06/05/2025 15:33	WG2531782
1,2-Dibromoethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
Dibromomethane	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,2-Dichlorobenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,3-Dichlorobenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,4-Dichlorobenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
Dichlorodifluoromethane	ND	J3	0.00876	1	06/05/2025 15:33	WG2531782
1,1-Dichloroethane	ND	J4	0.00438	1	06/05/2025 15:33	WG2531782
1,2-Dichloroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,1-Dichloroethene	ND		0.00438	1	06/05/2025 15:33	WG2531782
cis-1,2-Dichloroethene	ND		0.00438	1	06/05/2025 15:33	WG2531782
trans-1,2-Dichloroethene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,2-Dichloropropane	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,1-Dichloropropene	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,3-Dichloropropane	ND		0.00876	1	06/05/2025 15:33	WG2531782
cis-1,3-Dichloropropene	ND		0.00438	1	06/05/2025 15:33	WG2531782
trans-1,3-Dichloropropene	ND		0.00876	1	06/05/2025 15:33	WG2531782
2,2-Dichloropropane	ND		0.00438	1	06/05/2025 15:33	WG2531782
Di-isopropyl ether	ND		0.00175	1	06/05/2025 15:33	WG2531782
Ethylbenzene	ND		0.0175	1	06/05/2025 15:33	WG2531782
Hexachloro-1,3-butadiene	ND		0.0438	1	06/05/2025 15:33	WG2531782
Isopropylbenzene	ND		0.00438	1	06/05/2025 15:33	WG2531782
p-Isopropyltoluene	ND		0.00876	1	06/05/2025 15:33	WG2531782
2-Butanone (MEK)	ND		0.175	1	06/05/2025 15:33	WG2531782
Methylene Chloride	ND		0.0438	1	06/05/2025 15:33	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0438	1	06/05/2025 15:33	WG2531782
Methyl tert-butyl ether	ND		0.00175	1	06/05/2025 15:33	WG2531782
n-Propylbenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
Styrene	ND		0.0219	1	06/05/2025 15:33	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
Tetrachloroethene	ND		0.00438	1	06/05/2025 15:33	WG2531782
Toluene	ND		0.0175	1	06/05/2025 15:33	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0219	1	06/05/2025 15:33	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0219	1	06/05/2025 15:33	WG2531782
1,1,1-Trichloroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,1,2-Trichloroethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
Trichloroethene	ND		0.00175	1	06/05/2025 15:33	WG2531782
Trichlorofluoromethane	ND		0.00438	1	06/05/2025 15:33	WG2531782
1,2,3-Trichloropropane	ND		0.0219	1	06/05/2025 15:33	WG2531782
1,2,3-Trimethylbenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,2,4-Trimethylbenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
1,3,5-Trimethylbenzene	ND		0.00876	1	06/05/2025 15:33	WG2531782
Vinyl chloride	ND		0.00438	1	06/05/2025 15:33	WG2531782
Xylenes, Total	ND		0.175	1	06/05/2025 15:33	WG2531782
(S) Toluene-d8	*90.9*		*75.0-131*		*06/05/2025 15:33*	WG2531782
(S) 4-Bromofluorobenzene	*120*		*67.0-138*		*06/05/2025 15:33*	WG2531782
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*06/05/2025 15:33*	WG2531782

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	8.66		5.51	1	06/06/2025 07:06	WG2531930
C28-C36 Motor Oil Range	118		5.51	1	06/06/2025 07:06	WG2531930
(S) o-Terphenyl	*38.3*		*18.0-148*		*06/06/2025 07:06*	WG2531930

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		0.0917	2	06/05/2025 22:39	WG2531935
Benzidine	ND	J4	4.60	2	06/05/2025 22:39	WG2531935
Benzo(g,h,i)perylene	ND		0.0917	2	06/05/2025 22:39	WG2531935
Bis(2-chlorethoxy)methane	ND		0.917	2	06/05/2025 22:39	WG2531935
Bis(2-chloroethyl)ether	ND		0.917	2	06/05/2025 22:39	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.917	2	06/05/2025 22:39	WG2531935
4-Bromophenyl-phenylether	ND		0.917	2	06/05/2025 22:39	WG2531935
2-Chloronaphthalene	ND		0.0917	2	06/05/2025 22:39	WG2531935
4-Chlorophenyl-phenylether	ND		0.917	2	06/05/2025 22:39	WG2531935
1,2-Dichlorobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
1,3-Dichlorobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
1,4-Dichlorobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
3,3-Dichlorobenzidine	ND		0.917	2	06/05/2025 22:39	WG2531935
2,4-Dinitrotoluene	ND		0.917	2	06/05/2025 22:39	WG2531935
2,6-Dinitrotoluene	ND		0.917	2	06/05/2025 22:39	WG2531935
Hexachlorobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
Hexachloro-1,3-butadiene	ND		0.917	2	06/05/2025 22:39	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.917	2	06/05/2025 22:39	WG2531935
Hexachloroethane	ND		0.917	2	06/05/2025 22:39	WG2531935
Isophorone	ND		0.917	2	06/05/2025 22:39	WG2531935
Nitrobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
n-Nitrosodimethylamine	ND		0.917	2	06/05/2025 22:39	WG2531935
n-Nitrosodiphenylamine	ND		0.917	2	06/05/2025 22:39	WG2531935
n-Nitrosodi-n-propylamine	ND		0.917	2	06/05/2025 22:39	WG2531935
Phenanthrene	ND		0.0917	2	06/05/2025 22:39	WG2531935
Benzylbutyl phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
Di-n-butyl phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
Diethyl phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
Dimethyl phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
Di-n-octyl phthalate	ND		0.917	2	06/05/2025 22:39	WG2531935
1,2,4-Trichlorobenzene	ND		0.917	2	06/05/2025 22:39	WG2531935
4-Chloro-3-methylphenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2-Chlorophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2,4-Dichlorophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2,4-Dimethylphenol	ND		0.917	2	06/05/2025 22:39	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2,4-Dinitrophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2-Nitrophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
4-Nitrophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
Pentachlorophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
Phenol	ND		0.917	2	06/05/2025 22:39	WG2531935
2,4,6-Trichlorophenol	ND		0.917	2	06/05/2025 22:39	WG2531935
(S) 2-Fluorophenol	*81.0*		*12.0-120*		*06/05/2025 22:39*	WG2531935
(S) Phenol-d5	*79.0*		*10.0-120*		*06/05/2025 22:39*	WG2531935
(S) Nitrobenzene-d5	*81.3*		*10.0-122*		*06/05/2025 22:39*	WG2531935
(S) 2-Fluorobiphenyl	*73.3*		*15.0-120*		*06/05/2025 22:39*	WG2531935
(S) 2,4,6-Tribromophenol	*90.5*		*10.0-127*		*06/05/2025 22:39*	WG2531935
(S) p-Terphenyl-d14	*71.2*		*10.0-120*		*06/05/2025 22:39*	WG2531935

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:

L1866147-13 WG2531935: 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		0.0454	1	06/06/2025 03:23	WG2531924
Acenaphthene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Acenaphthylene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Benzo(a)anthracene	ND		0.00826	1	06/06/2025 03:23	WG2531924
Benzo(a)pyrene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Benzo(b)fluoranthene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Benzo(g,h,i)perylene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Benzo(k)fluoranthene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Chrysene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Dibenz(a,h)anthracene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Fluoranthene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Fluorene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Naphthalene	ND		0.00413	1	06/06/2025 03:23	WG2531924
Phenanthrene	ND		0.0454	1	06/06/2025 03:23	WG2531924
Pyrene	ND		0.0454	1	06/06/2025 03:23	WG2531924
1-Methylnaphthalene	0.00490		0.00413	1	06/06/2025 03:23	WG2531924
2-Methylnaphthalene	ND		0.0165	1	06/06/2025 03:23	WG2531924
(S) p-Terphenyl-d14	*49.4*		*23.0-120*		*06/06/2025 03:23*	WG2531924
(S) Nitrobenzene-d5	*64.7*		*14.0-149*		*06/06/2025 03:23*	WG2531924
(S) 2-Fluorobiphenyl	*50.3*		*34.0-125*		*06/06/2025 03:23*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.260		1	06/10/2025 08:04	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3710		25.3	1	06/09/2025 16:07	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.6		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		12.4	1	06/08/2025 22:58	WG2532201

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	3690		124	5	06/09/2025 16:07	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.248	1	06/07/2025 18:26	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.82		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-14 WG2534557: 7.82 at 21C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	579	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-14 WG2534560: 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		25.3	1.02	06/06/2025 02:25	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	26600		900	9	06/06/2025 14:24	WG2531983

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	1.76		0.200	1	06/10/2025 08:28	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3190		24.8	1	06/07/2025 10:27	WG2533012
Antimony	ND		2.48	1	06/07/2025 10:27	WG2533012
Beryllium	0.315		0.248	1	06/07/2025 10:27	WG2533012
Calcium	13800		124	1	06/07/2025 10:27	WG2533012
Chromium	4.05		1.24	1	06/07/2025 10:27	WG2533012
Cobalt	2.70		1.24	1	06/07/2025 10:27	WG2533012
Iron	5490		12.4	1	06/07/2025 10:27	WG2533012
Magnesium	2090		124	1	06/07/2025 10:27	WG2533012
Manganese	157		1.24	1	06/07/2025 10:27	WG2533012
Potassium	2130		124	1	06/07/2025 10:27	WG2533012
Sodium	ND		124	1	06/07/2025 10:27	WG2533012
Thallium	ND		2.48	1	06/07/2025 10:27	WG2533012
Vanadium	10.6		2.48	1	06/07/2025 10:27	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.99		0.124	5	06/12/2025 22:21	WG2537271
Barium	91.6		12.4	5	06/12/2025 22:21	WG2537271
Cadmium	0.217		0.124	5	06/12/2025 22:21	WG2537271
Copper	ND		12.4	5	06/12/2025 22:21	WG2537271
Lead	ND		12.4	5	06/12/2025 22:21	WG2537271
Nickel	ND		12.4	5	06/12/2025 22:21	WG2537271
Selenium	0.281		0.124	5	06/12/2025 22:21	WG2537271
Silver	ND		0.620	5	06/12/2025 22:21	WG2537271
Zinc	ND		62.0	5	06/12/2025 22:21	WG2537271

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		3.70	25	06/05/2025 20:13	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 20:13*	WG2531597

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		0.0740	1	06/05/2025 15:55	WG2531782
Acrylonitrile	ND		0.0185	1	06/05/2025 15:55	WG2531782
Benzene	ND		0.00148	1	06/05/2025 15:55	WG2531782
Bromobenzene	ND		0.0185	1	06/05/2025 15:55	WG2531782
Bromodichloromethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
Bromoform	ND		0.0370	1	06/05/2025 15:55	WG2531782
Bromomethane	ND	C3	0.0185	1	06/05/2025 15:55	WG2531782
n-Butylbenzene	ND		0.0185	1	06/05/2025 15:55	WG2531782
sec-Butylbenzene	ND		0.0185	1	06/05/2025 15:55	WG2531782
tert-Butylbenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
Carbon tetrachloride	ND		0.00740	1	06/05/2025 15:55	WG2531782
Chlorobenzene	ND		0.00370	1	06/05/2025 15:55	WG2531782
Chlorodibromomethane	ND		0.00370	1	06/05/2025 15:55	WG2531782

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	0.00740	1	06/05/2025 15:55	WG2531782
Chloroform	0.00407		0.00370	1	06/05/2025 15:55	WG2531782
Chloromethane	ND		0.0185	1	06/05/2025 15:55	WG2531782
2-Chlorotoluene	ND		0.00370	1	06/05/2025 15:55	WG2531782
4-Chlorotoluene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0370	1	06/05/2025 15:55	WG2531782
1,2-Dibromoethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
Dibromomethane	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,2-Dichlorobenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,3-Dichlorobenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,4-Dichlorobenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
Dichlorodifluoromethane	ND	J3	0.00740	1	06/05/2025 15:55	WG2531782
1,1-Dichloroethane	ND	J4	0.00370	1	06/05/2025 15:55	WG2531782
1,2-Dichloroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,1-Dichloroethene	ND		0.00370	1	06/05/2025 15:55	WG2531782
cis-1,2-Dichloroethene	ND		0.00370	1	06/05/2025 15:55	WG2531782
trans-1,2-Dichloroethene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,2-Dichloropropane	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,1-Dichloropropene	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,3-Dichloropropane	ND		0.00740	1	06/05/2025 15:55	WG2531782
cis-1,3-Dichloropropene	ND		0.00370	1	06/05/2025 15:55	WG2531782
trans-1,3-Dichloropropene	ND		0.00740	1	06/05/2025 15:55	WG2531782
2,2-Dichloropropane	ND		0.00370	1	06/05/2025 15:55	WG2531782
Di-isopropyl ether	ND		0.00148	1	06/05/2025 15:55	WG2531782
Ethylbenzene	ND		0.0148	1	06/05/2025 15:55	WG2531782
Hexachloro-1,3-butadiene	ND		0.0370	1	06/05/2025 15:55	WG2531782
Isopropylbenzene	ND		0.00370	1	06/05/2025 15:55	WG2531782
p-Isopropyltoluene	ND		0.00740	1	06/05/2025 15:55	WG2531782
2-Butanone (MEK)	ND		0.148	1	06/05/2025 15:55	WG2531782
Methylene Chloride	ND		0.0370	1	06/05/2025 15:55	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0370	1	06/05/2025 15:55	WG2531782
Methyl tert-butyl ether	ND		0.00148	1	06/05/2025 15:55	WG2531782
n-Propylbenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
Styrene	ND		0.0185	1	06/05/2025 15:55	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
Tetrachloroethene	ND		0.00370	1	06/05/2025 15:55	WG2531782
Toluene	ND		0.0148	1	06/05/2025 15:55	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0185	1	06/05/2025 15:55	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0185	1	06/05/2025 15:55	WG2531782
1,1,1-Trichloroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,1,2-Trichloroethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
Trichloroethene	ND		0.00148	1	06/05/2025 15:55	WG2531782
Trichlorofluoromethane	ND		0.00370	1	06/05/2025 15:55	WG2531782
1,2,3-Trichloropropane	ND		0.0185	1	06/05/2025 15:55	WG2531782
1,2,3-Trimethylbenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,2,4-Trimethylbenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
1,3,5-Trimethylbenzene	ND		0.00740	1	06/05/2025 15:55	WG2531782
Vinyl chloride	ND		0.00370	1	06/05/2025 15:55	WG2531782
Xylenes, Total	ND		0.148	1	06/05/2025 15:55	WG2531782
(S) Toluene-d8	*101*		*75.0-131*		*06/05/2025 15:55*	WG2531782
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*06/05/2025 15:55*	WG2531782
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*06/05/2025 15:55*	WG2531782

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	14.9		4.96	1	06/06/2025 08:48	WG2531930
C28-C36 Motor Oil Range	150		4.96	1	06/06/2025 08:48	WG2531930
(S) o-Terphenyl	*56.3*		*18.0-148*		*06/06/2025 08:48*	WG2531930

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		0.0826	2	06/05/2025 23:00	WG2531935
Benzidine	ND	J4	4.14	2	06/05/2025 23:00	WG2531935
Benzo(g,h,i)perylene	ND		0.0826	2	06/05/2025 23:00	WG2531935
Bis(2-chlorethoxy)methane	ND		0.826	2	06/05/2025 23:00	WG2531935
Bis(2-chloroethyl)ether	ND		0.826	2	06/05/2025 23:00	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.826	2	06/05/2025 23:00	WG2531935
4-Bromophenyl-phenylether	ND		0.826	2	06/05/2025 23:00	WG2531935
2-Chloronaphthalene	ND		0.0826	2	06/05/2025 23:00	WG2531935
4-Chlorophenyl-phenylether	ND		0.826	2	06/05/2025 23:00	WG2531935
1,2-Dichlorobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
1,3-Dichlorobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
1,4-Dichlorobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
3,3-Dichlorobenzidine	ND		0.826	2	06/05/2025 23:00	WG2531935
2,4-Dinitrotoluene	ND		0.826	2	06/05/2025 23:00	WG2531935
2,6-Dinitrotoluene	ND		0.826	2	06/05/2025 23:00	WG2531935
Hexachlorobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
Hexachloro-1,3-butadiene	ND		0.826	2	06/05/2025 23:00	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.826	2	06/05/2025 23:00	WG2531935
Hexachloroethane	ND		0.826	2	06/05/2025 23:00	WG2531935
Isophorone	ND		0.826	2	06/05/2025 23:00	WG2531935
Nitrobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
n-Nitrosodimethylamine	ND		0.826	2	06/05/2025 23:00	WG2531935
n-Nitrosodiphenylamine	ND		0.826	2	06/05/2025 23:00	WG2531935
n-Nitrosodi-n-propylamine	ND		0.826	2	06/05/2025 23:00	WG2531935
Phenanthrene	ND		0.0826	2	06/05/2025 23:00	WG2531935
Benzylbutyl phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
Di-n-butyl phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
Diethyl phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
Dimethyl phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
Di-n-octyl phthalate	ND		0.826	2	06/05/2025 23:00	WG2531935
1,2,4-Trichlorobenzene	ND		0.826	2	06/05/2025 23:00	WG2531935
4-Chloro-3-methylphenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2-Chlorophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2,4-Dichlorophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2,4-Dimethylphenol	ND		0.826	2	06/05/2025 23:00	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2,4-Dinitrophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2-Nitrophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
4-Nitrophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
Pentachlorophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
Phenol	ND		0.826	2	06/05/2025 23:00	WG2531935
2,4,6-Trichlorophenol	ND		0.826	2	06/05/2025 23:00	WG2531935
(S) 2-Fluorophenol	*89.0*		*12.0-120*		*06/05/2025 23:00*	WG2531935
(S) Phenol-d5	*83.6*		*10.0-120*		*06/05/2025 23:00*	WG2531935
(S) Nitrobenzene-d5	*89.8*		*10.0-122*		*06/05/2025 23:00*	WG2531935
(S) 2-Fluorobiphenyl	*81.2*		*15.0-120*		*06/05/2025 23:00*	WG2531935
(S) 2,4,6-Tribromophenol	*95.5*		*10.0-127*		*06/05/2025 23:00*	WG2531935
(S) p-Terphenyl-d14	*79.3*		*10.0-120*		*06/05/2025 23:00*	WG2531935

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:

L1866147-14 WG2531935: 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		0.0409	1	06/06/2025 03:59	WG2531924
Acenaphthene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Acenaphthylene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Benzo(a)anthracene	ND		0.00744	1	06/06/2025 03:59	WG2531924
Benzo(a)pyrene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Benzo(b)fluoranthene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Benzo(g,h,i)perylene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Benzo(k)fluoranthene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Chrysene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Dibenz(a,h)anthracene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Fluoranthene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Fluorene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Naphthalene	ND		0.00372	1	06/06/2025 03:59	WG2531924
Phenanthrene	ND		0.0409	1	06/06/2025 03:59	WG2531924
Pyrene	ND		0.0409	1	06/06/2025 03:59	WG2531924
1-Methylnaphthalene	ND		0.00372	1	06/06/2025 03:59	WG2531924
2-Methylnaphthalene	ND		0.0149	1	06/06/2025 03:59	WG2531924
(S) p-Terphenyl-d14	*77.8*		*23.0-120*		*06/06/2025 03:59*	WG2531924
(S) Nitrobenzene-d5	*73.5*		*14.0-149*		*06/06/2025 03:59*	WG2531924
(S) 2-Fluorobiphenyl	*70.9*		*34.0-125*		*06/06/2025 03:59*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.246		1	06/10/2025 08:05	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3490		28.7	1	06/09/2025 16:09	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	73.2		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		13.7	1	06/08/2025 22:59	WG2532201

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	3470		137	5	06/09/2025 16:09	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.273	1	06/07/2025 18:35	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.90		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-15 WG2534557: 7.9 at 21.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	515	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-15 WG2534560: 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		28.7	1.05	06/06/2025 02:41	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	20300		500	5	06/06/2025 14:24	WG2531983

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	0.954		0.200	1	06/10/2025 08:30	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2620		27.3	1	06/07/2025 10:29	WG2533012
Antimony	ND		2.73	1	06/07/2025 10:29	WG2533012
Beryllium	0.279		0.273	1	06/07/2025 10:29	WG2533012
Calcium	5360		137	1	06/07/2025 10:29	WG2533012
Chromium	5.31		1.37	1	06/07/2025 10:29	WG2533012
Cobalt	2.38		1.37	1	06/07/2025 10:29	WG2533012
Iron	4970		13.7	1	06/07/2025 10:29	WG2533012
Magnesium	1430		137	1	06/07/2025 10:29	WG2533012
Manganese	167		1.37	1	06/07/2025 10:29	WG2533012
Potassium	1890		137	1	06/07/2025 10:29	WG2533012
Sodium	ND		137	1	06/07/2025 10:29	WG2533012
Thallium	ND		2.73	1	06/07/2025 10:29	WG2533012
Vanadium	9.02		2.73	1	06/07/2025 10:29	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.98		0.137	5	06/12/2025 22:30	WG2537271
Barium	49.9		13.7	5	06/12/2025 22:30	WG2537271
Cadmium	0.164		0.137	5	06/12/2025 22:30	WG2537271
Copper	ND		13.7	5	06/12/2025 22:30	WG2537271
Lead	ND		13.7	5	06/12/2025 22:30	WG2537271
Nickel	ND		13.7	5	06/12/2025 22:30	WG2537271
Selenium	0.178		0.137	5	06/12/2025 22:30	WG2537271
Silver	ND		0.683	5	06/12/2025 22:30	WG2537271
Zinc	ND		68.3	5	06/12/2025 22:30	WG2537271

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		4.33	25	06/05/2025 20:37	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 20:37*	WG2531597

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		0.0866	1	06/05/2025 16:17	WG2531782
Acrylonitrile	ND		0.0216	1	06/05/2025 16:17	WG2531782
Benzene	ND		0.00173	1	06/05/2025 16:17	WG2531782
Bromobenzene	ND		0.0216	1	06/05/2025 16:17	WG2531782
Bromodichloromethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
Bromoform	ND		0.0433	1	06/05/2025 16:17	WG2531782
Bromomethane	ND	C3	0.0216	1	06/05/2025 16:17	WG2531782
n-Butylbenzene	ND		0.0216	1	06/05/2025 16:17	WG2531782
sec-Butylbenzene	ND		0.0216	1	06/05/2025 16:17	WG2531782
tert-Butylbenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
Carbon tetrachloride	ND		0.00866	1	06/05/2025 16:17	WG2531782
Chlorobenzene	ND		0.00433	1	06/05/2025 16:17	WG2531782
Chlorodibromomethane	ND		0.00433	1	06/05/2025 16:17	WG2531782

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	0.00866	1	06/05/2025 16:17	WG2531782
Chloroform	0.00459		0.00433	1	06/05/2025 16:17	WG2531782
Chloromethane	ND		0.0216	1	06/05/2025 16:17	WG2531782
2-Chlorotoluene	ND		0.00433	1	06/05/2025 16:17	WG2531782
4-Chlorotoluene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0433	1	06/05/2025 16:17	WG2531782
1,2-Dibromoethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
Dibromomethane	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,2-Dichlorobenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,3-Dichlorobenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,4-Dichlorobenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
Dichlorodifluoromethane	ND	J3	0.00866	1	06/05/2025 16:17	WG2531782
1,1-Dichloroethane	ND	J4	0.00433	1	06/05/2025 16:17	WG2531782
1,2-Dichloroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,1-Dichloroethene	ND		0.00433	1	06/05/2025 16:17	WG2531782
cis-1,2-Dichloroethene	ND		0.00433	1	06/05/2025 16:17	WG2531782
trans-1,2-Dichloroethene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,2-Dichloropropane	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,1-Dichloropropene	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,3-Dichloropropane	ND		0.00866	1	06/05/2025 16:17	WG2531782
cis-1,3-Dichloropropene	ND		0.00433	1	06/05/2025 16:17	WG2531782
trans-1,3-Dichloropropene	ND		0.00866	1	06/05/2025 16:17	WG2531782
2,2-Dichloropropane	ND		0.00433	1	06/05/2025 16:17	WG2531782
Di-isopropyl ether	ND		0.00173	1	06/05/2025 16:17	WG2531782
Ethylbenzene	ND		0.0173	1	06/05/2025 16:17	WG2531782
Hexachloro-1,3-butadiene	ND		0.0433	1	06/05/2025 16:17	WG2531782
Isopropylbenzene	ND		0.00433	1	06/05/2025 16:17	WG2531782
p-Isopropyltoluene	ND		0.00866	1	06/05/2025 16:17	WG2531782
2-Butanone (MEK)	ND		0.173	1	06/05/2025 16:17	WG2531782
Methylene Chloride	ND		0.0433	1	06/05/2025 16:17	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0433	1	06/05/2025 16:17	WG2531782
Methyl tert-butyl ether	ND		0.00173	1	06/05/2025 16:17	WG2531782
n-Propylbenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
Styrene	ND		0.0216	1	06/05/2025 16:17	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
Tetrachloroethene	ND		0.00433	1	06/05/2025 16:17	WG2531782
Toluene	ND		0.0173	1	06/05/2025 16:17	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0216	1	06/05/2025 16:17	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0216	1	06/05/2025 16:17	WG2531782
1,1,1-Trichloroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,1,2-Trichloroethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
Trichloroethene	ND		0.00173	1	06/05/2025 16:17	WG2531782
Trichlorofluoromethane	ND		0.00433	1	06/05/2025 16:17	WG2531782
1,2,3-Trichloropropane	ND		0.0216	1	06/05/2025 16:17	WG2531782
1,2,3-Trimethylbenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,2,4-Trimethylbenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
1,3,5-Trimethylbenzene	ND		0.00866	1	06/05/2025 16:17	WG2531782
Vinyl chloride	ND		0.00433	1	06/05/2025 16:17	WG2531782
Xylenes, Total	ND		0.173	1	06/05/2025 16:17	WG2531782
(S) Toluene-d8	*103*		*75.0-131*		*06/05/2025 16:17*	WG2531782
(S) 4-Bromofluorobenzene	*98.2*		*67.0-138*		*06/05/2025 16:17*	WG2531782
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*06/05/2025 16:17*	WG2531782

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	11.6		10.9	2	06/06/2025 15:13	WG2531930
C28-C36 Motor Oil Range	116		10.9	2	06/06/2025 15:13	WG2531930
(S) o-Terphenyl	*49.0*		*18.0-148*		*06/06/2025 15:13*	WG2531930

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		0.0910	2	06/05/2025 23:21	WG2531935
Benzidine	ND	J4	4.56	2	06/05/2025 23:21	WG2531935
Benzo(g,h,i)perylene	ND		0.0910	2	06/05/2025 23:21	WG2531935
Bis(2-chlorethoxy)methane	ND		0.910	2	06/05/2025 23:21	WG2531935
Bis(2-chloroethyl)ether	ND		0.910	2	06/05/2025 23:21	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.910	2	06/05/2025 23:21	WG2531935
4-Bromophenyl-phenylether	ND		0.910	2	06/05/2025 23:21	WG2531935
2-Chloronaphthalene	ND		0.0910	2	06/05/2025 23:21	WG2531935
4-Chlorophenyl-phenylether	ND		0.910	2	06/05/2025 23:21	WG2531935
1,2-Dichlorobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
1,3-Dichlorobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
1,4-Dichlorobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
3,3-Dichlorobenzidine	ND		0.910	2	06/05/2025 23:21	WG2531935
2,4-Dinitrotoluene	ND		0.910	2	06/05/2025 23:21	WG2531935
2,6-Dinitrotoluene	ND		0.910	2	06/05/2025 23:21	WG2531935
Hexachlorobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
Hexachloro-1,3-butadiene	ND		0.910	2	06/05/2025 23:21	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.910	2	06/05/2025 23:21	WG2531935
Hexachloroethane	ND		0.910	2	06/05/2025 23:21	WG2531935
Isophorone	ND		0.910	2	06/05/2025 23:21	WG2531935
Nitrobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
n-Nitrosodimethylamine	ND		0.910	2	06/05/2025 23:21	WG2531935
n-Nitrosodiphenylamine	ND		0.910	2	06/05/2025 23:21	WG2531935
n-Nitrosodi-n-propylamine	ND		0.910	2	06/05/2025 23:21	WG2531935
Phenanthrene	ND		0.0910	2	06/05/2025 23:21	WG2531935
Benzylbutyl phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
Di-n-butyl phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
Diethyl phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
Dimethyl phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
Di-n-octyl phthalate	ND		0.910	2	06/05/2025 23:21	WG2531935
1,2,4-Trichlorobenzene	ND		0.910	2	06/05/2025 23:21	WG2531935
4-Chloro-3-methylphenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2-Chlorophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2,4-Dichlorophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2,4-Dimethylphenol	ND		0.910	2	06/05/2025 23:21	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2,4-Dinitrophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2-Nitrophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
4-Nitrophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
Pentachlorophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
Phenol	ND		0.910	2	06/05/2025 23:21	WG2531935
2,4,6-Trichlorophenol	ND		0.910	2	06/05/2025 23:21	WG2531935
(S) 2-Fluorophenol	*76.9*		*12.0-120*		*06/05/2025 23:21*	WG2531935
(S) Phenol-d5	*74.5*		*10.0-120*		*06/05/2025 23:21*	WG2531935
(S) Nitrobenzene-d5	*75.4*		*10.0-122*		*06/05/2025 23:21*	WG2531935
(S) 2-Fluorobiphenyl	*72.3*		*15.0-120*		*06/05/2025 23:21*	WG2531935
(S) 2,4,6-Tribromophenol	*87.2*		*10.0-127*		*06/05/2025 23:21*	WG2531935
(S) p-Terphenyl-d14	*72.0*		*10.0-120*		*06/05/2025 23:21*	WG2531935

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:

L1866147-15 WG2531935: 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		0.0451	1	06/06/2025 03:41	WG2531924
Acenaphthene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Acenaphthylene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Benzo(a)anthracene	ND		0.00819	1	06/06/2025 03:41	WG2531924
Benzo(a)pyrene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Benzo(b)fluoranthene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Benzo(g,h,i)perylene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Benzo(k)fluoranthene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Chrysene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Dibenz(a,h)anthracene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Fluoranthene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Fluorene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Naphthalene	ND		0.00410	1	06/06/2025 03:41	WG2531924
Phenanthrene	ND		0.0451	1	06/06/2025 03:41	WG2531924
Pyrene	ND		0.0451	1	06/06/2025 03:41	WG2531924
1-Methylnaphthalene	ND		0.00410	1	06/06/2025 03:41	WG2531924
2-Methylnaphthalene	ND		0.0164	1	06/06/2025 03:41	WG2531924
(S) p-Terphenyl-d14	*50.1*		*23.0-120*		*06/06/2025 03:41*	WG2531924
(S) Nitrobenzene-d5	*54.7*		*14.0-149*		*06/06/2025 03:41*	WG2531924
(S) 2-Fluorobiphenyl	*49.2*		*34.0-125*		*06/06/2025 03:41*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.282		1	06/10/2025 08:07	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3060		26.9	1	06/09/2025 16:11	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.3		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		13.5	1	06/08/2025 23:01	WG2532201

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	3030		135	5	06/09/2025 16:11	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.269	1	06/07/2025 18:44	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.42		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-16 WG2534557: 7.42 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	520	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-16 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	34.1		26.9	1	06/06/2025 02:57	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	28200		900	9	06/06/2025 14:24	WG2531983

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	1.52		0.200	1	06/10/2025 08:31	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3010		26.9	1	06/07/2025 10:31	WG2533012
Antimony	ND		2.69	1	06/07/2025 10:31	WG2533012
Beryllium	0.315		0.269	1	06/07/2025 10:31	WG2533012
Calcium	7470		135	1	06/07/2025 10:31	WG2533012
Chromium	4.24		1.35	1	06/07/2025 10:31	WG2533012
Cobalt	2.65		1.35	1	06/07/2025 10:31	WG2533012
Iron	6310		13.5	1	06/07/2025 10:31	WG2533012
Magnesium	1600		135	1	06/07/2025 10:31	WG2533012
Manganese	183		1.35	1	06/07/2025 10:31	WG2533012
Potassium	1920		135	1	06/07/2025 10:31	WG2533012
Sodium	ND		135	1	06/07/2025 10:31	WG2533012
Thallium	ND		2.69	1	06/07/2025 10:31	WG2533012
Vanadium	9.92		2.69	1	06/07/2025 10:31	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.05		0.135	5	06/12/2025 22:33	WG2537271
Barium	62.5		13.5	5	06/12/2025 22:33	WG2537271
Cadmium	0.237		0.135	5	06/12/2025 22:33	WG2537271
Copper	ND		13.5	5	06/12/2025 22:33	WG2537271
Lead	ND		13.5	5	06/12/2025 22:33	WG2537271
Nickel	ND		13.5	5	06/12/2025 22:33	WG2537271
Selenium	0.279		0.135	5	06/12/2025 22:33	WG2537271
Silver	ND		0.673	5	06/12/2025 22:33	WG2537271
Zinc	ND		67.3	5	06/12/2025 22:33	WG2537271

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		4.23	25	06/05/2025 21:00	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 21:00*	WG2531597

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		0.0847	1	06/05/2025 16:39	WG2531782
Acrylonitrile	ND		0.0212	1	06/05/2025 16:39	WG2531782
Benzene	ND		0.00169	1	06/05/2025 16:39	WG2531782
Bromobenzene	ND		0.0212	1	06/05/2025 16:39	WG2531782
Bromodichloromethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
Bromoform	ND		0.0423	1	06/05/2025 16:39	WG2531782
Bromomethane	ND	C3	0.0212	1	06/05/2025 16:39	WG2531782
n-Butylbenzene	ND		0.0212	1	06/05/2025 16:39	WG2531782
sec-Butylbenzene	ND		0.0212	1	06/05/2025 16:39	WG2531782
tert-Butylbenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
Carbon tetrachloride	ND		0.00847	1	06/05/2025 16:39	WG2531782
Chlorobenzene	ND		0.00423	1	06/05/2025 16:39	WG2531782
Chlorodibromomethane	ND		0.00423	1	06/05/2025 16:39	WG2531782

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	0.00847	1	06/05/2025 16:39	WG2531782
Chloroform	0.00522		0.00423	1	06/05/2025 16:39	WG2531782
Chloromethane	ND		0.0212	1	06/05/2025 16:39	WG2531782
2-Chlorotoluene	ND		0.00423	1	06/05/2025 16:39	WG2531782
4-Chlorotoluene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0423	1	06/05/2025 16:39	WG2531782
1,2-Dibromoethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
Dibromomethane	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,2-Dichlorobenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,3-Dichlorobenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,4-Dichlorobenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
Dichlorodifluoromethane	ND	J3	0.00847	1	06/05/2025 16:39	WG2531782
1,1-Dichloroethane	ND	J4	0.00423	1	06/05/2025 16:39	WG2531782
1,2-Dichloroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,1-Dichloroethene	ND		0.00423	1	06/05/2025 16:39	WG2531782
cis-1,2-Dichloroethene	ND		0.00423	1	06/05/2025 16:39	WG2531782
trans-1,2-Dichloroethene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,2-Dichloropropane	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,1-Dichloropropene	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,3-Dichloropropane	ND		0.00847	1	06/05/2025 16:39	WG2531782
cis-1,3-Dichloropropene	ND		0.00423	1	06/05/2025 16:39	WG2531782
trans-1,3-Dichloropropene	ND		0.00847	1	06/05/2025 16:39	WG2531782
2,2-Dichloropropane	ND		0.00423	1	06/05/2025 16:39	WG2531782
Di-isopropyl ether	ND		0.00169	1	06/05/2025 16:39	WG2531782
Ethylbenzene	ND		0.0169	1	06/05/2025 16:39	WG2531782
Hexachloro-1,3-butadiene	ND		0.0423	1	06/05/2025 16:39	WG2531782
Isopropylbenzene	ND		0.00423	1	06/05/2025 16:39	WG2531782
p-Isopropyltoluene	ND		0.00847	1	06/05/2025 16:39	WG2531782
2-Butanone (MEK)	ND		0.169	1	06/05/2025 16:39	WG2531782
Methylene Chloride	ND		0.0423	1	06/05/2025 16:39	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0423	1	06/05/2025 16:39	WG2531782
Methyl tert-butyl ether	ND		0.00169	1	06/05/2025 16:39	WG2531782
n-Propylbenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
Styrene	ND		0.0212	1	06/05/2025 16:39	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
Tetrachloroethene	ND		0.00423	1	06/05/2025 16:39	WG2531782
Toluene	ND		0.0169	1	06/05/2025 16:39	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0212	1	06/05/2025 16:39	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0212	1	06/05/2025 16:39	WG2531782
1,1,1-Trichloroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,1,2-Trichloroethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
Trichloroethene	ND		0.00169	1	06/05/2025 16:39	WG2531782
Trichlorofluoromethane	ND		0.00423	1	06/05/2025 16:39	WG2531782
1,2,3-Trichloropropane	ND		0.0212	1	06/05/2025 16:39	WG2531782
1,2,3-Trimethylbenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,2,4-Trimethylbenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
1,3,5-Trimethylbenzene	ND		0.00847	1	06/05/2025 16:39	WG2531782
Vinyl chloride	ND		0.00423	1	06/05/2025 16:39	WG2531782
Xylenes, Total	ND		0.169	1	06/05/2025 16:39	WG2531782
(S) Toluene-d8	*102*		*75.0-131*		*06/05/2025 16:39*	WG2531782
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*06/05/2025 16:39*	WG2531782
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*06/05/2025 16:39*	WG2531782

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	14.9		5.39	1	06/06/2025 07:50	WG2531930
C28-C36 Motor Oil Range	170		5.39	1	06/06/2025 07:50	WG2531930
(S) o-Terphenyl	*51.7*		*18.0-148*		*06/06/2025 07:50*	WG2531930

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		0.0897	2	06/05/2025 22:18	WG2531935
Benzidine	ND	J4	4.50	2	06/05/2025 22:18	WG2531935
Benzo(g,h,i)perylene	ND		0.0897	2	06/05/2025 22:18	WG2531935
Bis(2-chlorethoxy)methane	ND		0.897	2	06/05/2025 22:18	WG2531935
Bis(2-chloroethyl)ether	ND		0.897	2	06/05/2025 22:18	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.897	2	06/05/2025 22:18	WG2531935
4-Bromophenyl-phenylether	ND		0.897	2	06/05/2025 22:18	WG2531935
2-Chloronaphthalene	ND		0.0897	2	06/05/2025 22:18	WG2531935
4-Chlorophenyl-phenylether	ND		0.897	2	06/05/2025 22:18	WG2531935
1,2-Dichlorobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
1,3-Dichlorobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
1,4-Dichlorobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
3,3-Dichlorobenzidine	ND		0.897	2	06/05/2025 22:18	WG2531935
2,4-Dinitrotoluene	ND		0.897	2	06/05/2025 22:18	WG2531935
2,6-Dinitrotoluene	ND		0.897	2	06/05/2025 22:18	WG2531935
Hexachlorobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
Hexachloro-1,3-butadiene	ND		0.897	2	06/05/2025 22:18	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.897	2	06/05/2025 22:18	WG2531935
Hexachloroethane	ND		0.897	2	06/05/2025 22:18	WG2531935
Isophorone	ND		0.897	2	06/05/2025 22:18	WG2531935
Nitrobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
n-Nitrosodimethylamine	ND		0.897	2	06/05/2025 22:18	WG2531935
n-Nitrosodiphenylamine	ND		0.897	2	06/05/2025 22:18	WG2531935
n-Nitrosodi-n-propylamine	ND		0.897	2	06/05/2025 22:18	WG2531935
Phenanthrene	ND		0.0897	2	06/05/2025 22:18	WG2531935
Benzylbutyl phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
Di-n-butyl phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
Diethyl phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
Dimethyl phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
Di-n-octyl phthalate	ND		0.897	2	06/05/2025 22:18	WG2531935
1,2,4-Trichlorobenzene	ND		0.897	2	06/05/2025 22:18	WG2531935
4-Chloro-3-methylphenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2-Chlorophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2,4-Dichlorophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2,4-Dimethylphenol	ND		0.897	2	06/05/2025 22:18	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2,4-Dinitrophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2-Nitrophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
4-Nitrophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
Pentachlorophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
Phenol	ND		0.897	2	06/05/2025 22:18	WG2531935
2,4,6-Trichlorophenol	ND		0.897	2	06/05/2025 22:18	WG2531935
(S) 2-Fluorophenol	*83.8*		*12.0-120*		*06/05/2025 22:18*	WG2531935
(S) Phenol-d5	*81.5*		*10.0-120*		*06/05/2025 22:18*	WG2531935
(S) Nitrobenzene-d5	*82.7*		*10.0-122*		*06/05/2025 22:18*	WG2531935
(S) 2-Fluorobiphenyl	*77.6*		*15.0-120*		*06/05/2025 22:18*	WG2531935
(S) 2,4,6-Tribromophenol	*91.4*		*10.0-127*		*06/05/2025 22:18*	WG2531935
(S) p-Terphenyl-d14	*76.7*		*10.0-120*		*06/05/2025 22:18*	WG2531935

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:

L1866147-16 WG2531935: 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		0.0444	1	06/06/2025 03:05	WG2531924
Acenaphthene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Acenaphthylene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Benzo(a)anthracene	ND		0.00808	1	06/06/2025 03:05	WG2531924
Benzo(a)pyrene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Benzo(b)fluoranthene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Benzo(g,h,i)perylene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Benzo(k)fluoranthene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Chrysene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Dibenz(a,h)anthracene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Fluoranthene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Fluorene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Naphthalene	0.00732		0.00404	1	06/06/2025 03:05	WG2531924
Phenanthrene	ND		0.0444	1	06/06/2025 03:05	WG2531924
Pyrene	ND		0.0444	1	06/06/2025 03:05	WG2531924
1-Methylnaphthalene	0.00495		0.00404	1	06/06/2025 03:05	WG2531924
2-Methylnaphthalene	ND		0.0162	1	06/06/2025 03:05	WG2531924
(S) p-Terphenyl-d14	*59.1*		*23.0-120*		*06/06/2025 03:05*	WG2531924
(S) Nitrobenzene-d5	*70.8*		*14.0-149*		*06/06/2025 03:05*	WG2531924
(S) 2-Fluorobiphenyl	*57.1*		*34.0-125*		*06/06/2025 03:05*	WG2531924

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	06/05/2025 12:30	WG2531462
Acrolein	ND		0.0500	1	06/05/2025 12:30	WG2531462
Acrylonitrile	ND		0.0100	1	06/05/2025 12:30	WG2531462
Benzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Bromobenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Bromodichloromethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
Bromoform	ND		0.00100	1	06/05/2025 12:30	WG2531462
Bromomethane	ND		0.00500	1	06/05/2025 12:30	WG2531462
n-Butylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
sec-Butylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
tert-Butylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Carbon tetrachloride	ND		0.00100	1	06/05/2025 12:30	WG2531462
Chlorobenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Chlorodibromomethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
Chloroethane	ND		0.00500	1	06/05/2025 12:30	WG2531462
Chloroform	ND		0.00500	1	06/05/2025 12:30	WG2531462
Chloromethane	ND		0.00250	1	06/05/2025 12:30	WG2531462
2-Chlorotoluene	ND		0.00100	1	06/05/2025 12:30	WG2531462
4-Chlorotoluene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/05/2025 12:30	WG2531462
1,2-Dibromoethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
Dibromomethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,2-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,3-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,4-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Dichlorodifluoromethane	ND	C3	0.00500	1	06/05/2025 12:30	WG2531462
1,1-Dichloroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,2-Dichloroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,1-Dichloroethene	ND		0.00100	1	06/05/2025 12:30	WG2531462
cis-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:30	WG2531462
trans-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,2-Dichloropropane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,1-Dichloropropene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,3-Dichloropropane	ND		0.00100	1	06/05/2025 12:30	WG2531462
cis-1,3-Dichloropropene	ND	C3 J4	0.00100	1	06/05/2025 12:30	WG2531462
trans-1,3-Dichloropropene	ND		0.00100	1	06/05/2025 12:30	WG2531462
2,2-Dichloropropane	ND	C3	0.00100	1	06/05/2025 12:30	WG2531462
Di-isopropyl ether	ND		0.00100	1	06/05/2025 12:30	WG2531462
Ethylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Hexachloro-1,3-butadiene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Isopropylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
p-Isopropyltoluene	ND		0.00100	1	06/05/2025 12:30	WG2531462
2-Butanone (MEK)	ND		0.0100	1	06/05/2025 12:30	WG2531462
Methylene Chloride	ND		0.00500	1	06/05/2025 12:30	WG2531462
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/05/2025 12:30	WG2531462
Methyl tert-butyl ether	ND		0.00100	1	06/05/2025 12:30	WG2531462
Naphthalene	ND	C3 J4	0.00500	1	06/05/2025 12:30	WG2531462
n-Propylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Styrene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
Tetrachloroethene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Toluene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,2,3-Trichlorobenzene	ND		0.00100	1	06/05/2025 18:32	WG2531939
1,2,4-Trichlorobenzene	ND	C3 J4	0.00100	1	06/05/2025 12:30	WG2531462

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	06/05/2025 12:30	WG2531462
1,1,2-Trichloroethane	ND		0.00100	1	06/05/2025 12:30	WG2531462
Trichloroethene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Trichlorofluoromethane	ND		0.00500	1	06/05/2025 12:30	WG2531462
1,2,3-Trichloropropane	ND		0.00250	1	06/05/2025 12:30	WG2531462
1,2,4-Trimethylbenzene	ND	C3	0.00100	1	06/05/2025 12:30	WG2531462
1,2,3-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
1,3,5-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:30	WG2531462
Vinyl chloride	ND		0.00100	1	06/05/2025 12:30	WG2531462
Xylenes, Total	ND		0.00300	1	06/05/2025 12:30	WG2531462
(S) Toluene-d8	*108*		*80.0-120*		*06/05/2025 12:30*	WG2531462
(S) Toluene-d8	*99.9*		*80.0-120*		*06/05/2025 18:32*	WG2531939
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*06/05/2025 12:30*	WG2531462
(S) 4-Bromofluorobenzene	*98.9*		*77.0-126*		*06/05/2025 18:32*	WG2531939
(S) 1,2-Dichloroethane-d4	*91.7*		*70.0-130*		*06/05/2025 12:30*	WG2531462
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*06/05/2025 18:32*	WG2531939

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.240		1	06/10/2025 08:09	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	3360		23.0	1	06/09/2025 16:17	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.0		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.5	1	06/09/2025 01:17	WG2532203

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	3340		115	5	06/09/2025 16:17	WG2533834

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	0.230	1	06/07/2025 18:53	WG2532057

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.58		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-18 WG2534557: 7.58 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	541	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-18 WG2534560: 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		23.0	1	06/06/2025 03:14	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	33100		500	5	06/06/2025 14:25	WG2531983

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	1.24		0.200	1	06/10/2025 08:33	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	3320		23.0	1	06/07/2025 10:32	WG2533012
Antimony	ND		2.30	1	06/07/2025 10:32	WG2533012
Beryllium	0.385		0.230	1	06/07/2025 10:32	WG2533012
Calcium	11900		115	1	06/07/2025 10:32	WG2533012
Chromium	4.30		1.15	1	06/07/2025 10:32	WG2533012
Cobalt	3.27		1.15	1	06/07/2025 10:32	WG2533012
Iron	5940		11.5	1	06/07/2025 10:32	WG2533012
Magnesium	1950		115	1	06/07/2025 10:32	WG2533012
Manganese	226		1.15	1	06/07/2025 10:32	WG2533012
Potassium	2730		115	1	06/07/2025 10:32	WG2533012
Sodium	123		115	1	06/07/2025 10:32	WG2533012
Thallium	ND		2.30	1	06/07/2025 10:32	WG2533012
Vanadium	11.1		2.30	1	06/07/2025 10:32	WG2533012

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.37		0.115	5	06/12/2025 22:36	WG2537271
Barium	77.7		11.5	5	06/12/2025 22:36	WG2537271
Cadmium	0.247		0.115	5	06/12/2025 22:36	WG2537271
Copper	ND		11.5	5	06/12/2025 22:36	WG2537271
Lead	ND		11.5	5	06/12/2025 22:36	WG2537271
Nickel	ND		11.5	5	06/12/2025 22:36	WG2537271
Selenium	0.248		0.115	5	06/12/2025 22:36	WG2537271
Silver	ND		0.574	5	06/12/2025 22:36	WG2537271
Zinc	74.1		57.4	5	06/12/2025 22:36	WG2537271

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		3.25	25	06/05/2025 21:24	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*106*		*77.0-120*		*06/05/2025 21:24*	WG2531597

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		0.0649	1	06/05/2025 17:01	WG2531782
Acrylonitrile	ND		0.0162	1	06/05/2025 17:01	WG2531782
Benzene	ND		0.00130	1	06/05/2025 17:01	WG2531782
Bromobenzene	ND		0.0162	1	06/05/2025 17:01	WG2531782
Bromodichloromethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
Bromoform	ND		0.0325	1	06/05/2025 17:01	WG2531782
Bromomethane	ND	C3	0.0162	1	06/05/2025 17:01	WG2531782
n-Butylbenzene	ND		0.0162	1	06/05/2025 17:01	WG2531782
sec-Butylbenzene	ND		0.0162	1	06/05/2025 17:01	WG2531782
tert-Butylbenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
Carbon tetrachloride	ND		0.00649	1	06/05/2025 17:01	WG2531782
Chlorobenzene	ND		0.00325	1	06/05/2025 17:01	WG2531782
Chlorodibromomethane	ND		0.00325	1	06/05/2025 17:01	WG2531782

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	0.00649	1	06/05/2025 17:01	WG2531782
Chloroform	0.00396		0.00325	1	06/05/2025 17:01	WG2531782
Chloromethane	ND		0.0162	1	06/05/2025 17:01	WG2531782
2-Chlorotoluene	ND		0.00325	1	06/05/2025 17:01	WG2531782
4-Chlorotoluene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0325	1	06/05/2025 17:01	WG2531782
1,2-Dibromoethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
Dibromomethane	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,2-Dichlorobenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,3-Dichlorobenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,4-Dichlorobenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
Dichlorodifluoromethane	ND	J3	0.00649	1	06/05/2025 17:01	WG2531782
1,1-Dichloroethane	ND	J4	0.00325	1	06/05/2025 17:01	WG2531782
1,2-Dichloroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,1-Dichloroethene	ND		0.00325	1	06/05/2025 17:01	WG2531782
cis-1,2-Dichloroethene	ND		0.00325	1	06/05/2025 17:01	WG2531782
trans-1,2-Dichloroethene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,2-Dichloropropane	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,1-Dichloropropene	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,3-Dichloropropane	ND		0.00649	1	06/05/2025 17:01	WG2531782
cis-1,3-Dichloropropene	ND		0.00325	1	06/05/2025 17:01	WG2531782
trans-1,3-Dichloropropene	ND		0.00649	1	06/05/2025 17:01	WG2531782
2,2-Dichloropropane	ND		0.00325	1	06/05/2025 17:01	WG2531782
Di-isopropyl ether	ND		0.00130	1	06/05/2025 17:01	WG2531782
Ethylbenzene	ND		0.0130	1	06/05/2025 17:01	WG2531782
Hexachloro-1,3-butadiene	ND		0.0325	1	06/05/2025 17:01	WG2531782
Isopropylbenzene	ND		0.00325	1	06/05/2025 17:01	WG2531782
p-Isopropyltoluene	ND		0.00649	1	06/05/2025 17:01	WG2531782
2-Butanone (MEK)	ND		0.130	1	06/05/2025 17:01	WG2531782
Methylene Chloride	ND		0.0325	1	06/05/2025 17:01	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0325	1	06/05/2025 17:01	WG2531782
Methyl tert-butyl ether	ND		0.00130	1	06/05/2025 17:01	WG2531782
n-Propylbenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
Styrene	ND		0.0162	1	06/05/2025 17:01	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
Tetrachloroethene	ND		0.00325	1	06/05/2025 17:01	WG2531782
Toluene	ND		0.0130	1	06/05/2025 17:01	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0162	1	06/05/2025 17:01	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0162	1	06/05/2025 17:01	WG2531782
1,1,1-Trichloroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,1,2-Trichloroethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
Trichloroethene	ND		0.00130	1	06/05/2025 17:01	WG2531782
Trichlorofluoromethane	ND		0.00325	1	06/05/2025 17:01	WG2531782
1,2,3-Trichloropropane	ND		0.0162	1	06/05/2025 17:01	WG2531782
1,2,3-Trimethylbenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,2,4-Trimethylbenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
1,3,5-Trimethylbenzene	ND		0.00649	1	06/05/2025 17:01	WG2531782
Vinyl chloride	ND		0.00325	1	06/05/2025 17:01	WG2531782
Xylenes, Total	ND		0.130	1	06/05/2025 17:01	WG2531782
(S) Toluene-d8	*105*		*75.0-131*		*06/05/2025 17:01*	WG2531782
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*06/05/2025 17:01*	WG2531782
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*06/05/2025 17:01*	WG2531782

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	6.59		4.60	1	06/06/2025 05:54	WG2531930
C28-C36 Motor Oil Range	68.2		4.60	1	06/06/2025 05:54	WG2531930
(S) o-Terphenyl	*55.4*		*18.0-148*		*06/06/2025 05:54*	WG2531930

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		0.0765	2	06/05/2025 21:57	WG2531935
Benzidine	ND	J4	3.84	2	06/05/2025 21:57	WG2531935
Benzo(g,h,i)perylene	ND		0.0765	2	06/05/2025 21:57	WG2531935
Bis(2-chlorethoxy)methane	ND		0.765	2	06/05/2025 21:57	WG2531935
Bis(2-chloroethyl)ether	ND		0.765	2	06/05/2025 21:57	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.765	2	06/05/2025 21:57	WG2531935
4-Bromophenyl-phenylether	ND		0.765	2	06/05/2025 21:57	WG2531935
2-Chloronaphthalene	ND		0.0765	2	06/05/2025 21:57	WG2531935
4-Chlorophenyl-phenylether	ND		0.765	2	06/05/2025 21:57	WG2531935
1,2-Dichlorobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
1,3-Dichlorobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
1,4-Dichlorobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
3,3-Dichlorobenzidine	ND		0.765	2	06/05/2025 21:57	WG2531935
2,4-Dinitrotoluene	ND		0.765	2	06/05/2025 21:57	WG2531935
2,6-Dinitrotoluene	ND		0.765	2	06/05/2025 21:57	WG2531935
Hexachlorobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
Hexachloro-1,3-butadiene	ND		0.765	2	06/05/2025 21:57	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.765	2	06/05/2025 21:57	WG2531935
Hexachloroethane	ND		0.765	2	06/05/2025 21:57	WG2531935
Isophorone	ND		0.765	2	06/05/2025 21:57	WG2531935
Nitrobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
n-Nitrosodimethylamine	ND		0.765	2	06/05/2025 21:57	WG2531935
n-Nitrosodiphenylamine	ND		0.765	2	06/05/2025 21:57	WG2531935
n-Nitrosodi-n-propylamine	ND		0.765	2	06/05/2025 21:57	WG2531935
Phenanthrene	ND		0.0765	2	06/05/2025 21:57	WG2531935
Benzylbutyl phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
Di-n-butyl phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
Diethyl phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
Dimethyl phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
Di-n-octyl phthalate	ND		0.765	2	06/05/2025 21:57	WG2531935
1,2,4-Trichlorobenzene	ND		0.765	2	06/05/2025 21:57	WG2531935
4-Chloro-3-methylphenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2-Chlorophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2,4-Dichlorophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2,4-Dimethylphenol	ND		0.765	2	06/05/2025 21:57	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2,4-Dinitrophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2-Nitrophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
4-Nitrophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
Pentachlorophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
Phenol	ND		0.765	2	06/05/2025 21:57	WG2531935
2,4,6-Trichlorophenol	ND		0.765	2	06/05/2025 21:57	WG2531935
(S) 2-Fluorophenol	*78.3*		*12.0-120*		*06/05/2025 21:57*	WG2531935
(S) Phenol-d5	*77.0*		*10.0-120*		*06/05/2025 21:57*	WG2531935
(S) Nitrobenzene-d5	*75.1*		*10.0-122*		*06/05/2025 21:57*	WG2531935
(S) 2-Fluorobiphenyl	*74.2*		*15.0-120*		*06/05/2025 21:57*	WG2531935
(S) 2,4,6-Tribromophenol	*89.9*		*10.0-127*		*06/05/2025 21:57*	WG2531935
(S) p-Terphenyl-d14	*79.9*		*10.0-120*		*06/05/2025 21:57*	WG2531935

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:

L1866147-18 WG2531935: 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		0.0379	1	06/06/2025 02:29	WG2531924
Acenaphthene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Acenaphthylene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Benzo(a)anthracene	ND		0.00689	1	06/06/2025 02:29	WG2531924
Benzo(a)pyrene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Benzo(b)fluoranthene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Benzo(g,h,i)perylene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Benzo(k)fluoranthene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Chrysene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Dibenz(a,h)anthracene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Fluoranthene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Fluorene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Naphthalene	ND		0.00345	1	06/06/2025 02:29	WG2531924
Phenanthrene	ND		0.0379	1	06/06/2025 02:29	WG2531924
Pyrene	ND		0.0379	1	06/06/2025 02:29	WG2531924
1-Methylnaphthalene	ND		0.00345	1	06/06/2025 02:29	WG2531924
2-Methylnaphthalene	ND		0.0138	1	06/06/2025 02:29	WG2531924
(S) p-Terphenyl-d14	*75.8*		*23.0-120*		*06/06/2025 02:29*	WG2531924
(S) Nitrobenzene-d5	*71.7*		*14.0-149*		*06/06/2025 02:29*	WG2531924
(S) 2-Fluorobiphenyl	*71.7*		*34.0-125*		*06/06/2025 02:29*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.241		1	06/10/2025 08:10	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	9320		23.9	1	06/09/2025 17:04	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.5		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND	J5	11.8	1	06/08/2025 23:02	WG2532201

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	9290		237	10	06/09/2025 17:04	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J6	0.237	1	06/06/2025 15:31	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.61		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-19 WG2534557: 7.61 at 21.7C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	636	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-19 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	29.5		23.9	1.01	06/06/2025 03:30	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	46300		900	9	06/06/2025 14:56	WG2531907

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	1.83		0.200	1	06/10/2025 08:35	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	1820	J5	23.7	1	06/05/2025 17:59	WG2531883
Antimony	ND		2.37	1	06/05/2025 17:59	WG2531883
Beryllium	0.250		0.237	1	06/05/2025 17:59	WG2531883
Calcium	20100	J3 V	118	1	06/05/2025 17:59	WG2531883
Chromium	2.64		1.18	1	06/05/2025 17:59	WG2531883
Cobalt	1.84		1.18	1	06/05/2025 17:59	WG2531883
Iron	3390	J5	11.8	1	06/05/2025 17:59	WG2531883
Magnesium	2650	J6	118	1	06/05/2025 17:59	WG2531883
Manganese	179	J5	1.18	1	06/05/2025 17:59	WG2531883
Potassium	2390		118	1	06/05/2025 17:59	WG2531883
Sodium	ND		118	1	06/05/2025 17:59	WG2531883
Thallium	ND		2.37	1	06/05/2025 17:59	WG2531883
Vanadium	6.38		2.37	1	06/05/2025 17:59	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.73	O1	0.118	5	06/12/2025 21:59	WG2537271
Barium	66.8		11.8	5	06/12/2025 21:59	WG2537271
Cadmium	0.245		0.118	5	06/12/2025 21:59	WG2537271
Copper	ND		11.8	5	06/12/2025 21:59	WG2537271
Lead	ND		11.8	5	06/12/2025 21:59	WG2537271
Nickel	ND		11.8	5	06/12/2025 21:59	WG2537271
Selenium	0.264		0.118	5	06/12/2025 21:59	WG2537271
Silver	ND		0.592	5	06/12/2025 21:59	WG2537271
Zinc	170		59.2	5	06/12/2025 21:59	WG2537271

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		3.42	25	06/05/2025 21:48	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 21:48*	WG2531597

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		0.0684	1	06/05/2025 17:22	WG2531782
Acrylonitrile	ND	J3	0.0171	1	06/05/2025 17:22	WG2531782
Benzene	ND		0.00137	1	06/05/2025 17:22	WG2531782
Bromobenzene	ND		0.0171	1	06/05/2025 17:22	WG2531782
Bromodichloromethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
Bromoform	ND		0.0342	1	06/05/2025 17:22	WG2531782
Bromomethane	ND	C3	0.0171	1	06/05/2025 17:22	WG2531782
n-Butylbenzene	ND		0.0171	1	06/05/2025 17:22	WG2531782
sec-Butylbenzene	ND		0.0171	1	06/05/2025 17:22	WG2531782
tert-Butylbenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
Carbon tetrachloride	ND		0.00684	1	06/05/2025 17:22	WG2531782
Chlorobenzene	ND		0.00342	1	06/05/2025 17:22	WG2531782
Chlorodibromomethane	ND		0.00342	1	06/05/2025 17:22	WG2531782

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		0.00684	1	06/05/2025 17:22	WG2531782
Chloroform	0.00390		0.00342	1	06/05/2025 17:22	WG2531782
Chloromethane	ND		0.0171	1	06/05/2025 17:22	WG2531782
2-Chlorotoluene	ND		0.00342	1	06/05/2025 17:22	WG2531782
4-Chlorotoluene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0342	1	06/05/2025 17:22	WG2531782
1,2-Dibromoethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
Dibromomethane	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,2-Dichlorobenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,3-Dichlorobenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,4-Dichlorobenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
Dichlorodifluoromethane	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,1-Dichloroethane	ND	J4	0.00342	1	06/05/2025 17:22	WG2531782
1,2-Dichloroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,1-Dichloroethene	ND		0.00342	1	06/05/2025 17:22	WG2531782
cis-1,2-Dichloroethene	ND	J3	0.00342	1	06/05/2025 17:22	WG2531782
trans-1,2-Dichloroethene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,2-Dichloropropane	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,1-Dichloropropene	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,3-Dichloropropane	ND		0.00684	1	06/05/2025 17:22	WG2531782
cis-1,3-Dichloropropene	ND		0.00342	1	06/05/2025 17:22	WG2531782
trans-1,3-Dichloropropene	ND		0.00684	1	06/05/2025 17:22	WG2531782
2,2-Dichloropropane	ND	J3	0.00342	1	06/05/2025 17:22	WG2531782
Di-isopropyl ether	ND		0.00137	1	06/05/2025 17:22	WG2531782
Ethylbenzene	ND		0.0137	1	06/05/2025 17:22	WG2531782
Hexachloro-1,3-butadiene	ND		0.0342	1	06/05/2025 17:22	WG2531782
Isopropylbenzene	ND		0.00342	1	06/05/2025 17:22	WG2531782
p-Isopropyltoluene	ND		0.00684	1	06/05/2025 17:22	WG2531782
2-Butanone (MEK)	ND		0.137	1	06/05/2025 17:22	WG2531782
Methylene Chloride	ND		0.0342	1	06/05/2025 17:22	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0342	1	06/05/2025 17:22	WG2531782
Methyl tert-butyl ether	ND		0.00137	1	06/05/2025 17:22	WG2531782
n-Propylbenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
Styrene	ND		0.0171	1	06/05/2025 17:22	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
Tetrachloroethene	ND		0.00342	1	06/05/2025 17:22	WG2531782
Toluene	ND		0.0137	1	06/05/2025 17:22	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0171	1	06/05/2025 17:22	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0171	1	06/05/2025 17:22	WG2531782
1,1,1-Trichloroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,1,2-Trichloroethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
Trichloroethene	ND		0.00137	1	06/05/2025 17:22	WG2531782
Trichlorofluoromethane	ND		0.00342	1	06/05/2025 17:22	WG2531782
1,2,3-Trichloropropane	ND		0.0171	1	06/05/2025 17:22	WG2531782
1,2,3-Trimethylbenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,2,4-Trimethylbenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
1,3,5-Trimethylbenzene	ND		0.00684	1	06/05/2025 17:22	WG2531782
Vinyl chloride	ND		0.00342	1	06/05/2025 17:22	WG2531782
Xylenes, Total	ND		0.137	1	06/05/2025 17:22	WG2531782
(S) Toluene-d8	*99.6*		*75.0-131*		*06/05/2025 17:22*	WG2531782
(S) 4-Bromofluorobenzene	*99.0*		*67.0-138*		*06/05/2025 17:22*	WG2531782
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*06/05/2025 17:22*	WG2531782

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	13.8	J6	4.73	1	06/06/2025 04:42	WG2531930
C28-C36 Motor Oil Range	179		23.7	5	06/06/2025 13:45	WG2531930
(S) o-Terphenyl	*58.8*		*18.0-148*		*06/06/2025 13:45*	WG2531930
(S) o-Terphenyl	*54.1*		*18.0-148*		*06/06/2025 04:42*	WG2531930

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		0.0788	2	06/06/2025 00:25	WG2531935
Benzidine	ND	J4 J6	3.95	2	06/06/2025 00:25	WG2531935
Benzo(g,h,i)perylene	ND		0.0788	2	06/06/2025 00:25	WG2531935
Bis(2-chlorethoxy)methane	ND		0.788	2	06/06/2025 00:25	WG2531935
Bis(2-chloroethyl)ether	ND		0.788	2	06/06/2025 00:25	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.788	2	06/06/2025 00:25	WG2531935
4-Bromophenyl-phenylether	ND		0.788	2	06/06/2025 00:25	WG2531935
2-Chloronaphthalene	ND		0.0788	2	06/06/2025 00:25	WG2531935
4-Chlorophenyl-phenylether	ND		0.788	2	06/06/2025 00:25	WG2531935
1,2-Dichlorobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
1,3-Dichlorobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
1,4-Dichlorobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
3,3-Dichlorobenzidine	ND		0.788	2	06/06/2025 00:25	WG2531935
2,4-Dinitrotoluene	ND		0.788	2	06/06/2025 00:25	WG2531935
2,6-Dinitrotoluene	ND		0.788	2	06/06/2025 00:25	WG2531935
Hexachlorobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
Hexachloro-1,3-butadiene	ND		0.788	2	06/06/2025 00:25	WG2531935
Hexachlorocyclopentadiene	ND	C7 J6	0.788	2	06/06/2025 00:25	WG2531935
Hexachloroethane	ND		0.788	2	06/06/2025 00:25	WG2531935
Isophorone	ND		0.788	2	06/06/2025 00:25	WG2531935
Nitrobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
n-Nitrosodimethylamine	ND		0.788	2	06/06/2025 00:25	WG2531935
n-Nitrosodiphenylamine	ND		0.788	2	06/06/2025 00:25	WG2531935
n-Nitrosodi-n-propylamine	ND		0.788	2	06/06/2025 00:25	WG2531935
Phenanthrene	ND		0.0788	2	06/06/2025 00:25	WG2531935
Benzylbutyl phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
Di-n-butyl phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
Diethyl phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
Dimethyl phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
Di-n-octyl phthalate	ND		0.788	2	06/06/2025 00:25	WG2531935
1,2,4-Trichlorobenzene	ND		0.788	2	06/06/2025 00:25	WG2531935
4-Chloro-3-methylphenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2-Chlorophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2,4-Dichlorophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2,4-Dimethylphenol	ND		0.788	2	06/06/2025 00:25	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2,4-Dinitrophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2-Nitrophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
4-Nitrophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
Pentachlorophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
Phenol	ND		0.788	2	06/06/2025 00:25	WG2531935
2,4,6-Trichlorophenol	ND		0.788	2	06/06/2025 00:25	WG2531935
(S) 2-Fluorophenol	*63.3*		*12.0-120*		*06/06/2025 00:25*	WG2531935
(S) Phenol-d5	*62.7*		*10.0-120*		*06/06/2025 00:25*	WG2531935
(S) Nitrobenzene-d5	*62.2*		*10.0-122*		*06/06/2025 00:25*	WG2531935
(S) 2-Fluorobiphenyl	*61.3*		*15.0-120*		*06/06/2025 00:25*	WG2531935
(S) 2,4,6-Tribromophenol	*82.2*		*10.0-127*		*06/06/2025 00:25*	WG2531935

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) p-Terphenyl-d14	*73.1*		*10.0-120*		*06/06/2025 00:25*	WG2531935

Sample Narrative:

L1866147-19 WG2531935: 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		0.0391	1	06/06/2025 04:53	WG2531924
Acenaphthene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Acenaphthylene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Benzo(a)anthracene	ND		0.00710	1	06/06/2025 04:53	WG2531924
Benzo(a)pyrene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Benzo(b)fluoranthene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Benzo(g,h,i)perylene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Benzo(k)fluoranthene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Chrysene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Dibenz(a,h)anthracene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Fluoranthene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Fluorene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Naphthalene	ND		0.00355	1	06/06/2025 04:53	WG2531924
Phenanthrene	ND		0.0391	1	06/06/2025 04:53	WG2531924
Pyrene	ND		0.0391	1	06/06/2025 04:53	WG2531924
1-Methylnaphthalene	ND		0.00355	1	06/06/2025 04:53	WG2531924
2-Methylnaphthalene	ND		0.0142	1	06/06/2025 04:53	WG2531924
(S) p-Terphenyl-d14	*68.2*		*23.0-120*		*06/06/2025 04:53*	WG2531924
(S) Nitrobenzene-d5	*73.9*		*14.0-149*		*06/06/2025 04:53*	WG2531924
(S) 2-Fluorobiphenyl	*66.5*		*34.0-125*		*06/06/2025 04:53*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.183		1	06/10/2025 08:12	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	4220		25.7	1	06/09/2025 16:24	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.2		1	06/05/2025 09:58	WG2531368

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 01:19	WG2532203

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	4170		125	5	06/09/2025 16:24	WG2533834

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	06/06/2025 16:40	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.64		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-20 WG2534557: 7.64 at 21.5C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	708	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-20 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	48.0		25.7	1.03	06/06/2025 04:52	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	53900		1700	17	06/06/2025 14:57	WG2531907

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	1.45		0.200	1	06/10/2025 08:36	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	4860		24.9	1	06/05/2025 18:19	WG2531883
Antimony	ND		2.49	1	06/05/2025 18:19	WG2531883
Beryllium	0.490		0.249	1	06/05/2025 18:19	WG2531883
Calcium	14100		125	1	06/05/2025 18:19	WG2531883
Chromium	5.66		1.25	1	06/05/2025 18:19	WG2531883
Cobalt	4.01		1.25	1	06/05/2025 18:19	WG2531883
Iron	7450		12.5	1	06/05/2025 18:19	WG2531883
Magnesium	2390		125	1	06/05/2025 18:19	WG2531883
Manganese	245		1.25	1	06/05/2025 18:19	WG2531883
Potassium	2850		125	1	06/05/2025 18:19	WG2531883
Sodium	ND		125	1	06/05/2025 18:19	WG2531883
Thallium	ND		2.49	1	06/05/2025 18:19	WG2531883
Vanadium	13.8		2.49	1	06/05/2025 18:19	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.62		0.125	5	06/12/2025 22:40	WG2537271
Barium	109		12.5	5	06/12/2025 22:40	WG2537271
Cadmium	0.368		0.125	5	06/12/2025 22:40	WG2537271
Copper	13.3		12.5	5	06/12/2025 22:40	WG2537271
Lead	21.5		12.5	5	06/12/2025 22:40	WG2537271
Nickel	ND		12.5	5	06/12/2025 22:40	WG2537271
Selenium	0.331		0.125	5	06/12/2025 22:40	WG2537271
Silver	ND		0.623	5	06/12/2025 22:40	WG2537271
Zinc	114		62.3	5	06/12/2025 22:40	WG2537271

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		3.73	25	06/05/2025 22:12	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*107*		*77.0-120*		*06/05/2025 22:12*	WG2531597

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		0.0747	1	06/05/2025 17:44	WG2531782
Acrylonitrile	ND		0.0187	1	06/05/2025 17:44	WG2531782
Benzene	ND		0.00149	1	06/05/2025 17:44	WG2531782
Bromobenzene	ND		0.0187	1	06/05/2025 17:44	WG2531782
Bromodichloromethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
Bromoform	ND		0.0373	1	06/05/2025 17:44	WG2531782
Bromomethane	ND	C3	0.0187	1	06/05/2025 17:44	WG2531782
n-Butylbenzene	ND		0.0187	1	06/05/2025 17:44	WG2531782
sec-Butylbenzene	ND		0.0187	1	06/05/2025 17:44	WG2531782
tert-Butylbenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
Carbon tetrachloride	ND		0.00747	1	06/05/2025 17:44	WG2531782
Chlorobenzene	ND		0.00373	1	06/05/2025 17:44	WG2531782
Chlorodibromomethane	ND		0.00373	1	06/05/2025 17:44	WG2531782

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	0.00747	1	06/05/2025 17:44	WG2531782
Chloroform	0.00433		0.00373	1	06/05/2025 17:44	WG2531782
Chloromethane	ND		0.0187	1	06/05/2025 17:44	WG2531782
2-Chlorotoluene	ND		0.00373	1	06/05/2025 17:44	WG2531782
4-Chlorotoluene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0373	1	06/05/2025 17:44	WG2531782
1,2-Dibromoethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
Dibromomethane	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,2-Dichlorobenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,3-Dichlorobenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,4-Dichlorobenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
Dichlorodifluoromethane	ND	J3	0.00747	1	06/05/2025 17:44	WG2531782
1,1-Dichloroethane	ND	J4	0.00373	1	06/05/2025 17:44	WG2531782
1,2-Dichloroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,1-Dichloroethene	ND		0.00373	1	06/05/2025 17:44	WG2531782
cis-1,2-Dichloroethene	ND		0.00373	1	06/05/2025 17:44	WG2531782
trans-1,2-Dichloroethene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,2-Dichloropropane	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,1-Dichloropropene	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,3-Dichloropropane	ND		0.00747	1	06/05/2025 17:44	WG2531782
cis-1,3-Dichloropropene	ND		0.00373	1	06/05/2025 17:44	WG2531782
trans-1,3-Dichloropropene	ND		0.00747	1	06/05/2025 17:44	WG2531782
2,2-Dichloropropane	ND		0.00373	1	06/05/2025 17:44	WG2531782
Di-isopropyl ether	ND		0.00149	1	06/05/2025 17:44	WG2531782
Ethylbenzene	ND		0.0149	1	06/05/2025 17:44	WG2531782
Hexachloro-1,3-butadiene	ND		0.0373	1	06/05/2025 17:44	WG2531782
Isopropylbenzene	ND		0.00373	1	06/05/2025 17:44	WG2531782
p-Isopropyltoluene	ND		0.00747	1	06/05/2025 17:44	WG2531782
2-Butanone (MEK)	ND		0.149	1	06/05/2025 17:44	WG2531782
Methylene Chloride	ND		0.0373	1	06/05/2025 17:44	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0373	1	06/05/2025 17:44	WG2531782
Methyl tert-butyl ether	ND		0.00149	1	06/05/2025 17:44	WG2531782
n-Propylbenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
Styrene	ND		0.0187	1	06/05/2025 17:44	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
Tetrachloroethene	ND		0.00373	1	06/05/2025 17:44	WG2531782
Toluene	ND		0.0149	1	06/05/2025 17:44	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0187	1	06/05/2025 17:44	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0187	1	06/05/2025 17:44	WG2531782
1,1,1-Trichloroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,1,2-Trichloroethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
Trichloroethene	ND		0.00149	1	06/05/2025 17:44	WG2531782
Trichlorofluoromethane	ND		0.00373	1	06/05/2025 17:44	WG2531782
1,2,3-Trichloropropane	ND		0.0187	1	06/05/2025 17:44	WG2531782
1,2,3-Trimethylbenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,2,4-Trimethylbenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
1,3,5-Trimethylbenzene	ND		0.00747	1	06/05/2025 17:44	WG2531782
Vinyl chloride	ND		0.00373	1	06/05/2025 17:44	WG2531782
Xylenes, Total	ND		0.149	1	06/05/2025 17:44	WG2531782
(S) Toluene-d8	*101*		*75.0-131*		*06/05/2025 17:44*	WG2531782
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*06/05/2025 17:44*	WG2531782
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*06/05/2025 17:44*	WG2531782

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	31.5		4.99	1	06/06/2025 08:04	WG2531930
C28-C36 Motor Oil Range	276		24.9	5	06/06/2025 15:27	WG2531930
(S) o-Terphenyl	*49.4*		*18.0-148*		*06/06/2025 15:27*	WG2531930
(S) o-Terphenyl	*52.4*		*18.0-148*		*06/06/2025 08:04*	WG2531930

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		0.0830	2	06/05/2025 23:42	WG2531935
Benzidine	ND	J4	4.16	2	06/05/2025 23:42	WG2531935
Benzo(g,h,i)perylene	ND		0.0830	2	06/05/2025 23:42	WG2531935
Bis(2-chlorethoxy)methane	ND		0.830	2	06/05/2025 23:42	WG2531935
Bis(2-chloroethyl)ether	ND		0.830	2	06/05/2025 23:42	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.830	2	06/05/2025 23:42	WG2531935
4-Bromophenyl-phenylether	ND		0.830	2	06/05/2025 23:42	WG2531935
2-Chloronaphthalene	ND		0.0830	2	06/05/2025 23:42	WG2531935
4-Chlorophenyl-phenylether	ND		0.830	2	06/05/2025 23:42	WG2531935
1,2-Dichlorobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
1,3-Dichlorobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
1,4-Dichlorobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
3,3-Dichlorobenzidine	ND		0.830	2	06/05/2025 23:42	WG2531935
2,4-Dinitrotoluene	ND		0.830	2	06/05/2025 23:42	WG2531935
2,6-Dinitrotoluene	ND		0.830	2	06/05/2025 23:42	WG2531935
Hexachlorobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
Hexachloro-1,3-butadiene	ND		0.830	2	06/05/2025 23:42	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.830	2	06/05/2025 23:42	WG2531935
Hexachloroethane	ND		0.830	2	06/05/2025 23:42	WG2531935
Isophorone	ND		0.830	2	06/05/2025 23:42	WG2531935
Nitrobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
n-Nitrosodimethylamine	ND		0.830	2	06/05/2025 23:42	WG2531935
n-Nitrosodiphenylamine	ND		0.830	2	06/05/2025 23:42	WG2531935
n-Nitrosodi-n-propylamine	ND		0.830	2	06/05/2025 23:42	WG2531935
Phenanthrene	ND		0.0830	2	06/05/2025 23:42	WG2531935
Benzylbutyl phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
Di-n-butyl phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
Diethyl phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
Dimethyl phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
Di-n-octyl phthalate	ND		0.830	2	06/05/2025 23:42	WG2531935
1,2,4-Trichlorobenzene	ND		0.830	2	06/05/2025 23:42	WG2531935
4-Chloro-3-methylphenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2-Chlorophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2,4-Dichlorophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2,4-Dimethylphenol	ND		0.830	2	06/05/2025 23:42	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2,4-Dinitrophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2-Nitrophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
4-Nitrophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
Pentachlorophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
Phenol	ND		0.830	2	06/05/2025 23:42	WG2531935
2,4,6-Trichlorophenol	ND		0.830	2	06/05/2025 23:42	WG2531935
(S) 2-Fluorophenol	*73.7*		*12.0-120*		*06/05/2025 23:42*	WG2531935
(S) Phenol-d5	*70.6*		*10.0-120*		*06/05/2025 23:42*	WG2531935
(S) Nitrobenzene-d5	*72.6*		*10.0-122*		*06/05/2025 23:42*	WG2531935
(S) 2-Fluorobiphenyl	*71.6*		*15.0-120*		*06/05/2025 23:42*	WG2531935
(S) 2,4,6-Tribromophenol	*87.4*		*10.0-127*		*06/05/2025 23:42*	WG2531935

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) p-Terphenyl-d14	*75.3*		*10.0-120*		*06/05/2025 23:42*	WG2531935

Sample Narrative:

L1866147-20 WG2531935: 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		0.0411	1	06/06/2025 04:35	WG2531924
Acenaphthene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Acenaphthylene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Benzo(a)anthracene	ND		0.00748	1	06/06/2025 04:35	WG2531924
Benzo(a)pyrene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Benzo(b)fluoranthene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Benzo(g,h,i)perylene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Benzo(k)fluoranthene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Chrysene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Dibenz(a,h)anthracene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Fluoranthene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Fluorene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Naphthalene	ND		0.00374	1	06/06/2025 04:35	WG2531924
Phenanthrene	ND		0.0411	1	06/06/2025 04:35	WG2531924
Pyrene	ND		0.0411	1	06/06/2025 04:35	WG2531924
1-Methylnaphthalene	ND		0.00374	1	06/06/2025 04:35	WG2531924
2-Methylnaphthalene	ND		0.0150	1	06/06/2025 04:35	WG2531924
(S) p-Terphenyl-d14	*62.7*		*23.0-120*		*06/06/2025 04:35*	WG2531924
(S) Nitrobenzene-d5	*68.5*		*14.0-149*		*06/06/2025 04:35*	WG2531924
(S) 2-Fluorobiphenyl	*60.0*		*34.0-125*		*06/06/2025 04:35*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.559		1	06/10/2025 08:14	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2000		23.5	1	06/09/2025 16:26	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.5		1	06/05/2025 09:58	WG2531368

Wet Chemistry by Method 350.1

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		11.3	1	06/09/2025 01:20	WG2532203

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	1960		113	5	06/09/2025 16:26	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.226	1	06/06/2025 16:50	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.92		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-21 WG2534557: 7.92 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	598	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-21 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	42.9		23.5	1.04	06/06/2025 05:08	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	16500		500	5	06/06/2025 14:57	WG2531907

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	0.823		0.200	1	06/10/2025 08:41	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	2470		22.6	1	06/05/2025 18:21	WG2531883
Antimony	ND		2.26	1	06/05/2025 18:21	WG2531883
Beryllium	0.262		0.226	1	06/05/2025 18:21	WG2531883
Calcium	7870		113	1	06/05/2025 18:21	WG2531883
Chromium	3.38		1.13	1	06/05/2025 18:21	WG2531883
Cobalt	2.18		1.13	1	06/05/2025 18:21	WG2531883
Iron	4410		11.3	1	06/05/2025 18:21	WG2531883
Magnesium	1360		113	1	06/05/2025 18:21	WG2531883
Manganese	140		1.13	1	06/05/2025 18:21	WG2531883
Potassium	1900		113	1	06/05/2025 18:21	WG2531883
Sodium	254		113	1	06/05/2025 18:21	WG2531883
Thallium	ND		2.26	1	06/05/2025 18:21	WG2531883
Vanadium	8.03		2.26	1	06/05/2025 18:21	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.08		0.113	5	06/12/2025 22:43	WG2537271
Barium	49.3		11.3	5	06/12/2025 22:43	WG2537271
Cadmium	0.158		0.113	5	06/12/2025 22:43	WG2537271
Copper	ND		11.3	5	06/12/2025 22:43	WG2537271
Lead	ND		11.3	5	06/12/2025 22:43	WG2537271
Nickel	ND		11.3	5	06/12/2025 22:43	WG2537271
Selenium	0.200		0.113	5	06/12/2025 22:43	WG2537271
Silver	ND		0.565	5	06/12/2025 22:43	WG2537271
Zinc	ND		56.5	5	06/12/2025 22:43	WG2537271

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		3.15	25	06/05/2025 22:36	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*105*		*77.0-120*		*06/05/2025 22:36*	WG2531597

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		0.0630	1	06/05/2025 18:06	WG2531782
Acrylonitrile	ND		0.0158	1	06/05/2025 18:06	WG2531782
Benzene	ND		0.00126	1	06/05/2025 18:06	WG2531782
Bromobenzene	ND		0.0158	1	06/05/2025 18:06	WG2531782
Bromodichloromethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
Bromoform	ND		0.0315	1	06/05/2025 18:06	WG2531782
Bromomethane	ND	C3	0.0158	1	06/05/2025 18:06	WG2531782
n-Butylbenzene	ND		0.0158	1	06/05/2025 18:06	WG2531782
sec-Butylbenzene	ND		0.0158	1	06/05/2025 18:06	WG2531782
tert-Butylbenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
Carbon tetrachloride	ND		0.00630	1	06/05/2025 18:06	WG2531782
Chlorobenzene	ND		0.00315	1	06/05/2025 18:06	WG2531782
Chlorodibromomethane	ND		0.00315	1	06/05/2025 18:06	WG2531782

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	0.00630	1	06/05/2025 18:06	WG2531782
Chloroform	0.00376		0.00315	1	06/05/2025 18:06	WG2531782
Chloromethane	ND		0.0158	1	06/05/2025 18:06	WG2531782
2-Chlorotoluene	ND		0.00315	1	06/05/2025 18:06	WG2531782
4-Chlorotoluene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0315	1	06/05/2025 18:06	WG2531782
1,2-Dibromoethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
Dibromomethane	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,2-Dichlorobenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,3-Dichlorobenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,4-Dichlorobenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
Dichlorodifluoromethane	ND	J3	0.00630	1	06/05/2025 18:06	WG2531782
1,1-Dichloroethane	ND	J4	0.00315	1	06/05/2025 18:06	WG2531782
1,2-Dichloroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,1-Dichloroethene	ND		0.00315	1	06/05/2025 18:06	WG2531782
cis-1,2-Dichloroethene	ND		0.00315	1	06/05/2025 18:06	WG2531782
trans-1,2-Dichloroethene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,2-Dichloropropane	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,1-Dichloropropene	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,3-Dichloropropane	ND		0.00630	1	06/05/2025 18:06	WG2531782
cis-1,3-Dichloropropene	ND		0.00315	1	06/05/2025 18:06	WG2531782
trans-1,3-Dichloropropene	ND		0.00630	1	06/05/2025 18:06	WG2531782
2,2-Dichloropropane	ND		0.00315	1	06/05/2025 18:06	WG2531782
Di-isopropyl ether	ND		0.00126	1	06/05/2025 18:06	WG2531782
Ethylbenzene	ND		0.0126	1	06/05/2025 18:06	WG2531782
Hexachloro-1,3-butadiene	ND		0.0315	1	06/05/2025 18:06	WG2531782
Isopropylbenzene	ND		0.00315	1	06/05/2025 18:06	WG2531782
p-Isopropyltoluene	ND		0.00630	1	06/05/2025 18:06	WG2531782
2-Butanone (MEK)	ND		0.126	1	06/05/2025 18:06	WG2531782
Methylene Chloride	ND		0.0315	1	06/05/2025 18:06	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0315	1	06/05/2025 18:06	WG2531782
Methyl tert-butyl ether	ND		0.00126	1	06/05/2025 18:06	WG2531782
n-Propylbenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
Styrene	ND		0.0158	1	06/05/2025 18:06	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
Tetrachloroethene	ND		0.00315	1	06/05/2025 18:06	WG2531782
Toluene	ND		0.0126	1	06/05/2025 18:06	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0158	1	06/05/2025 18:06	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0158	1	06/05/2025 18:06	WG2531782
1,1,1-Trichloroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,1,2-Trichloroethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
Trichloroethene	ND		0.00126	1	06/05/2025 18:06	WG2531782
Trichlorofluoromethane	ND		0.00315	1	06/05/2025 18:06	WG2531782
1,2,3-Trichloropropane	ND		0.0158	1	06/05/2025 18:06	WG2531782
1,2,3-Trimethylbenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,2,4-Trimethylbenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
1,3,5-Trimethylbenzene	ND		0.00630	1	06/05/2025 18:06	WG2531782
Vinyl chloride	ND		0.00315	1	06/05/2025 18:06	WG2531782
Xylenes, Total	ND		0.126	1	06/05/2025 18:06	WG2531782
(S) Toluene-d8	*102*		*75.0-131*		*06/05/2025 18:06*	WG2531782
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*06/05/2025 18:06*	WG2531782
(S) 1,2-Dichloroethane-d4	*98.4*		*70.0-130*		*06/05/2025 18:06*	WG2531782

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	7.38		4.52	1	06/06/2025 06:08	WG2531930
C28-C36 Motor Oil Range	57.4		4.52	1	06/06/2025 06:08	WG2531930
(S) o-Terphenyl	*53.4*		*18.0-148*		*06/06/2025 06:08*	WG2531930

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		0.0753	2	06/06/2025 00:04	WG2531935
Benzidine	ND	J4	3.78	2	06/06/2025 00:04	WG2531935
Benzo(g,h,i)perylene	ND		0.0753	2	06/06/2025 00:04	WG2531935
Bis(2-chlorethoxy)methane	ND		0.753	2	06/06/2025 00:04	WG2531935
Bis(2-chloroethyl)ether	ND		0.753	2	06/06/2025 00:04	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.753	2	06/06/2025 00:04	WG2531935
4-Bromophenyl-phenylether	ND		0.753	2	06/06/2025 00:04	WG2531935
2-Chloronaphthalene	ND		0.0753	2	06/06/2025 00:04	WG2531935
4-Chlorophenyl-phenylether	ND		0.753	2	06/06/2025 00:04	WG2531935
1,2-Dichlorobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
1,3-Dichlorobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
1,4-Dichlorobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
3,3-Dichlorobenzidine	ND		0.753	2	06/06/2025 00:04	WG2531935
2,4-Dinitrotoluene	ND		0.753	2	06/06/2025 00:04	WG2531935
2,6-Dinitrotoluene	ND		0.753	2	06/06/2025 00:04	WG2531935
Hexachlorobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
Hexachloro-1,3-butadiene	ND		0.753	2	06/06/2025 00:04	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.753	2	06/06/2025 00:04	WG2531935
Hexachloroethane	ND		0.753	2	06/06/2025 00:04	WG2531935
Isophorone	ND		0.753	2	06/06/2025 00:04	WG2531935
Nitrobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
n-Nitrosodimethylamine	ND		0.753	2	06/06/2025 00:04	WG2531935
n-Nitrosodiphenylamine	ND		0.753	2	06/06/2025 00:04	WG2531935
n-Nitrosodi-n-propylamine	ND		0.753	2	06/06/2025 00:04	WG2531935
Phenanthrene	ND		0.0753	2	06/06/2025 00:04	WG2531935
Benzylbutyl phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
Di-n-butyl phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
Diethyl phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
Dimethyl phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
Di-n-octyl phthalate	ND		0.753	2	06/06/2025 00:04	WG2531935
1,2,4-Trichlorobenzene	ND		0.753	2	06/06/2025 00:04	WG2531935
4-Chloro-3-methylphenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2-Chlorophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2,4-Dichlorophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2,4-Dimethylphenol	ND		0.753	2	06/06/2025 00:04	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2,4-Dinitrophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2-Nitrophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
4-Nitrophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
Pentachlorophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
Phenol	ND		0.753	2	06/06/2025 00:04	WG2531935
2,4,6-Trichlorophenol	ND		0.753	2	06/06/2025 00:04	WG2531935
(S) 2-Fluorophenol	*73.8*		*12.0-120*		*06/06/2025 00:04*	WG2531935
(S) Phenol-d5	*71.9*		*10.0-120*		*06/06/2025 00:04*	WG2531935
(S) Nitrobenzene-d5	*70.7*		*10.0-122*		*06/06/2025 00:04*	WG2531935
(S) 2-Fluorobiphenyl	*71.7*		*15.0-120*		*06/06/2025 00:04*	WG2531935
(S) 2,4,6-Tribromophenol	*92.5*		*10.0-127*		*06/06/2025 00:04*	WG2531935
(S) p-Terphenyl-d14	*78.3*		*10.0-120*		*06/06/2025 00:04*	WG2531935

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:

L1866147-21 WG2531935: 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		0.0373	1	06/06/2025 04:17	WG2531924
Acenaphthene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Acenaphthylene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Benzo(a)anthracene	ND		0.00678	1	06/06/2025 04:17	WG2531924
Benzo(a)pyrene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Benzo(b)fluoranthene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Benzo(g,h,i)perylene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Benzo(k)fluoranthene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Chrysene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Dibenz(a,h)anthracene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Fluoranthene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Fluorene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Naphthalene	ND		0.00339	1	06/06/2025 04:17	WG2531924
Phenanthrene	ND		0.0373	1	06/06/2025 04:17	WG2531924
Pyrene	ND		0.0373	1	06/06/2025 04:17	WG2531924
1-Methylnaphthalene	ND		0.00339	1	06/06/2025 04:17	WG2531924
2-Methylnaphthalene	ND		0.0136	1	06/06/2025 04:17	WG2531924
(S) p-Terphenyl-d14	*83.9*		*23.0-120*		*06/06/2025 04:17*	WG2531924
(S) Nitrobenzene-d5	*78.2*		*14.0-149*		*06/06/2025 04:17*	WG2531924
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*06/06/2025 04:17*	WG2531924

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.706		1	06/10/2025 08:15	WG2534205

Calculated Results

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Total Nitrogen	2070		24.0	1	06/09/2025 16:28	WG2531719

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.0		1	06/05/2025 09:58	WG2531368

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 01:22	WG2532203

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	2020		118	5	06/09/2025 16:28	WG2533834

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.235	1	06/06/2025 17:00	WG2531894

Wet Chemistry by Method 9045D

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.53		1	06/10/2025 08:18	WG2534557

Sample Narrative:

L1866147-22 WG2534557: 7.53 at 21.4C

Wet Chemistry by Method 9050AMod

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	651	umhos/cm		10.0	1	06/10/2025 11:21	WG2534560

Sample Narrative:

L1866147-22 WG2534560: at 25C

Wet Chemistry by Method 9056A

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	44.9		24.0	1.02	06/06/2025 05:24	WG2531719

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	12400		900	9	06/06/2025 14:58	WG2531907

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	1.13		0.200	1	06/10/2025 08:43	WG2534217

Metals (ICP) by Method 6010D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aluminum	1820		23.5	1	06/05/2025 18:23	WG2531883
Antimony	ND		2.35	1	06/05/2025 18:23	WG2531883
Beryllium	ND		0.235	1	06/05/2025 18:23	WG2531883
Calcium	7720		118	1	06/05/2025 18:23	WG2531883
Chromium	2.50		1.18	1	06/05/2025 18:23	WG2531883
Cobalt	1.65		1.18	1	06/05/2025 18:23	WG2531883
Iron	2450		11.8	1	06/05/2025 18:23	WG2531883
Magnesium	1020		118	1	06/05/2025 18:23	WG2531883
Manganese	124		1.18	1	06/05/2025 18:23	WG2531883
Potassium	1220		118	1	06/05/2025 18:23	WG2531883
Sodium	ND		118	1	06/05/2025 18:23	WG2531883
Thallium	ND		2.35	1	06/05/2025 18:23	WG2531883
Vanadium	5.82		2.35	1	06/05/2025 18:23	WG2531883

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.56		0.118	5	06/12/2025 22:46	WG2537271
Barium	55.2		11.8	5	06/12/2025 22:46	WG2537271
Cadmium	0.255		0.118	5	06/12/2025 22:46	WG2537271
Copper	ND		11.8	5	06/12/2025 22:46	WG2537271
Lead	ND		11.8	5	06/12/2025 22:46	WG2537271
Nickel	ND		11.8	5	06/12/2025 22:46	WG2537271
Selenium	0.199		0.118	5	06/12/2025 22:46	WG2537271
Silver	ND		0.588	5	06/12/2025 22:46	WG2537271
Zinc	ND		58.8	5	06/12/2025 22:46	WG2537271

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		3.38	25	06/05/2025 22:59	WG2531597
(S) a,a,a-Trifluorotoluene(FID)	*107*		*77.0-120*		*06/05/2025 22:59*	WG2531597

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		0.0676	1	06/05/2025 18:28	WG2531782
Acrylonitrile	ND		0.0169	1	06/05/2025 18:28	WG2531782
Benzene	ND		0.00135	1	06/05/2025 18:28	WG2531782
Bromobenzene	ND		0.0169	1	06/05/2025 18:28	WG2531782
Bromodichloromethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
Bromoform	ND		0.0338	1	06/05/2025 18:28	WG2531782
Bromomethane	ND	C3	0.0169	1	06/05/2025 18:28	WG2531782
n-Butylbenzene	ND		0.0169	1	06/05/2025 18:28	WG2531782
sec-Butylbenzene	ND		0.0169	1	06/05/2025 18:28	WG2531782
tert-Butylbenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
Carbon tetrachloride	ND		0.00676	1	06/05/2025 18:28	WG2531782
Chlorobenzene	ND		0.00338	1	06/05/2025 18:28	WG2531782
Chlorodibromomethane	ND		0.00338	1	06/05/2025 18:28	WG2531782

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	0.00676	1	06/05/2025 18:28	WG2531782
Chloroform	0.00426		0.00338	1	06/05/2025 18:28	WG2531782
Chloromethane	ND		0.0169	1	06/05/2025 18:28	WG2531782
2-Chlorotoluene	ND		0.00338	1	06/05/2025 18:28	WG2531782
4-Chlorotoluene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,2-Dibromo-3-Chloropropane	ND		0.0338	1	06/05/2025 18:28	WG2531782
1,2-Dibromoethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
Dibromomethane	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,2-Dichlorobenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,3-Dichlorobenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,4-Dichlorobenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
Dichlorodifluoromethane	ND	J3	0.00676	1	06/05/2025 18:28	WG2531782
1,1-Dichloroethane	ND	J4	0.00338	1	06/05/2025 18:28	WG2531782
1,2-Dichloroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,1-Dichloroethene	ND		0.00338	1	06/05/2025 18:28	WG2531782
cis-1,2-Dichloroethene	ND		0.00338	1	06/05/2025 18:28	WG2531782
trans-1,2-Dichloroethene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,2-Dichloropropane	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,1-Dichloropropene	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,3-Dichloropropane	ND		0.00676	1	06/05/2025 18:28	WG2531782
cis-1,3-Dichloropropene	ND		0.00338	1	06/05/2025 18:28	WG2531782
trans-1,3-Dichloropropene	ND		0.00676	1	06/05/2025 18:28	WG2531782
2,2-Dichloropropane	ND		0.00338	1	06/05/2025 18:28	WG2531782
Di-isopropyl ether	ND		0.00135	1	06/05/2025 18:28	WG2531782
Ethylbenzene	ND		0.0135	1	06/05/2025 18:28	WG2531782
Hexachloro-1,3-butadiene	ND		0.0338	1	06/05/2025 18:28	WG2531782
Isopropylbenzene	ND		0.00338	1	06/05/2025 18:28	WG2531782
p-Isopropyltoluene	ND		0.00676	1	06/05/2025 18:28	WG2531782
2-Butanone (MEK)	ND		0.135	1	06/05/2025 18:28	WG2531782
Methylene Chloride	ND		0.0338	1	06/05/2025 18:28	WG2531782
4-Methyl-2-pentanone (MIBK)	ND		0.0338	1	06/05/2025 18:28	WG2531782
Methyl tert-butyl ether	ND		0.00135	1	06/05/2025 18:28	WG2531782
n-Propylbenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
Styrene	ND		0.0169	1	06/05/2025 18:28	WG2531782
1,1,1,2-Tetrachloroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,1,2,2-Tetrachloroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,1,2-Trichlorotrifluoroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
Tetrachloroethene	ND		0.00338	1	06/05/2025 18:28	WG2531782
Toluene	ND		0.0135	1	06/05/2025 18:28	WG2531782
1,2,3-Trichlorobenzene	ND	C3	0.0169	1	06/05/2025 18:28	WG2531782
1,2,4-Trichlorobenzene	ND	C3	0.0169	1	06/05/2025 18:28	WG2531782
1,1,1-Trichloroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,1,2-Trichloroethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
Trichloroethene	ND		0.00135	1	06/05/2025 18:28	WG2531782
Trichlorofluoromethane	ND		0.00338	1	06/05/2025 18:28	WG2531782
1,2,3-Trichloropropane	ND		0.0169	1	06/05/2025 18:28	WG2531782
1,2,3-Trimethylbenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,2,4-Trimethylbenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
1,3,5-Trimethylbenzene	ND		0.00676	1	06/05/2025 18:28	WG2531782
Vinyl chloride	ND		0.00338	1	06/05/2025 18:28	WG2531782
Xylenes, Total	ND		0.135	1	06/05/2025 18:28	WG2531782
(S) Toluene-d8	*105*		*75.0-131*		*06/05/2025 18:28*	WG2531782
(S) 4-Bromofluorobenzene	*90.8*		*67.0-138*		*06/05/2025 18:28*	WG2531782
(S) 1,2-Dichloroethane-d4	*98.1*		*70.0-130*		*06/05/2025 18:28*	WG2531782

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		4.70	1	06/06/2025 06:52	WG2531930
C28-C36 Motor Oil Range	38.6		4.70	1	06/06/2025 06:52	WG2531930
(S) o-Terphenyl	*62.6*		*18.0-148*		*06/06/2025 06:52*	WG2531930

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		0.0783	2	06/05/2025 21:36	WG2531935
Benzidine	ND	J4	3.93	2	06/05/2025 21:36	WG2531935
Benzo(g,h,i)perylene	ND		0.0783	2	06/05/2025 21:36	WG2531935
Bis(2-chlorethoxy)methane	ND		0.783	2	06/05/2025 21:36	WG2531935
Bis(2-chloroethyl)ether	ND		0.783	2	06/05/2025 21:36	WG2531935
2,2-Oxybis(1-Chloropropane)	ND		0.783	2	06/05/2025 21:36	WG2531935
4-Bromophenyl-phenylether	ND		0.783	2	06/05/2025 21:36	WG2531935
2-Chloronaphthalene	ND		0.0783	2	06/05/2025 21:36	WG2531935
4-Chlorophenyl-phenylether	ND		0.783	2	06/05/2025 21:36	WG2531935
1,2-Dichlorobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
1,3-Dichlorobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
1,4-Dichlorobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
3,3-Dichlorobenzidine	ND		0.783	2	06/05/2025 21:36	WG2531935
2,4-Dinitrotoluene	ND		0.783	2	06/05/2025 21:36	WG2531935
2,6-Dinitrotoluene	ND		0.783	2	06/05/2025 21:36	WG2531935
Hexachlorobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
Hexachloro-1,3-butadiene	ND		0.783	2	06/05/2025 21:36	WG2531935
Hexachlorocyclopentadiene	ND	C7	0.783	2	06/05/2025 21:36	WG2531935
Hexachloroethane	ND		0.783	2	06/05/2025 21:36	WG2531935
Isophorone	ND		0.783	2	06/05/2025 21:36	WG2531935
Nitrobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
n-Nitrosodimethylamine	ND		0.783	2	06/05/2025 21:36	WG2531935
n-Nitrosodiphenylamine	ND		0.783	2	06/05/2025 21:36	WG2531935
n-Nitrosodi-n-propylamine	ND		0.783	2	06/05/2025 21:36	WG2531935
Phenanthrene	ND		0.0783	2	06/05/2025 21:36	WG2531935
Benzylbutyl phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
Bis(2-ethylhexyl)phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
Di-n-butyl phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
Diethyl phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
Dimethyl phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
Di-n-octyl phthalate	ND		0.783	2	06/05/2025 21:36	WG2531935
1,2,4-Trichlorobenzene	ND		0.783	2	06/05/2025 21:36	WG2531935
4-Chloro-3-methylphenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2-Chlorophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2,4-Dichlorophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2,4-Dimethylphenol	ND		0.783	2	06/05/2025 21:36	WG2531935
4,6-Dinitro-2-methylphenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2,4-Dinitrophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2-Nitrophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
4-Nitrophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
Pentachlorophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
Phenol	ND		0.783	2	06/05/2025 21:36	WG2531935
2,4,6-Trichlorophenol	ND		0.783	2	06/05/2025 21:36	WG2531935
(S) 2-Fluorophenol	*83.9*		*12.0-120*		*06/05/2025 21:36*	WG2531935
(S) Phenol-d5	*81.7*		*10.0-120*		*06/05/2025 21:36*	WG2531935
(S) Nitrobenzene-d5	*81.8*		*10.0-122*		*06/05/2025 21:36*	WG2531935
(S) 2-Fluorobiphenyl	*80.3*		*15.0-120*		*06/05/2025 21:36*	WG2531935
(S) 2,4,6-Tribromophenol	*85.6*		*10.0-127*		*06/05/2025 21:36*	WG2531935
(S) p-Terphenyl-d14	*79.6*		*10.0-120*		*06/05/2025 21:36*	WG2531935

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:

L1866147-22 WG2531935: 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		0.0388	1	06/06/2025 02:47	WG2531924
Acenaphthene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Acenaphthylene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Benzo(a)anthracene	ND		0.00706	1	06/06/2025 02:47	WG2531924
Benzo(a)pyrene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Benzo(b)fluoranthene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Benzo(g,h,i)perylene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Benzo(k)fluoranthene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Chrysene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Dibenz(a,h)anthracene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Fluoranthene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Fluorene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Indeno(1,2,3-cd)pyrene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Naphthalene	ND		0.00353	1	06/06/2025 02:47	WG2531924
Phenanthrene	ND		0.0388	1	06/06/2025 02:47	WG2531924
Pyrene	ND		0.0388	1	06/06/2025 02:47	WG2531924
1-Methylnaphthalene	ND		0.00353	1	06/06/2025 02:47	WG2531924
2-Methylnaphthalene	ND		0.0141	1	06/06/2025 02:47	WG2531924
(S) p-Terphenyl-d14	*80.2*		*23.0-120*		*06/06/2025 02:47*	WG2531924
(S) Nitrobenzene-d5	*73.7*		*14.0-149*		*06/06/2025 02:47*	WG2531924
(S) 2-Fluorobiphenyl	*73.6*		*34.0-125*		*06/06/2025 02:47*	WG2531924

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	06/05/2025 12:50	WG2531462
Acrolein	ND		0.0500	1	06/05/2025 12:50	WG2531462
Acrylonitrile	ND		0.0100	1	06/05/2025 12:50	WG2531462
Benzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Bromobenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Bromodichloromethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
Bromoform	ND		0.00100	1	06/05/2025 12:50	WG2531462
Bromomethane	ND		0.00500	1	06/05/2025 12:50	WG2531462
n-Butylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
sec-Butylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
tert-Butylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Carbon tetrachloride	ND		0.00100	1	06/05/2025 12:50	WG2531462
Chlorobenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Chlorodibromomethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
Chloroethane	ND		0.00500	1	06/05/2025 12:50	WG2531462
Chloroform	ND		0.00500	1	06/05/2025 12:50	WG2531462
Chloromethane	ND		0.00250	1	06/05/2025 12:50	WG2531462
2-Chlorotoluene	ND		0.00100	1	06/05/2025 12:50	WG2531462
4-Chlorotoluene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,2-Dibromo-3-Chloropropane	ND	C3	0.00500	1	06/05/2025 12:50	WG2531462
1,2-Dibromoethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
Dibromomethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,2-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,3-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,4-Dichlorobenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Dichlorodifluoromethane	ND	C3	0.00500	1	06/05/2025 12:50	WG2531462
1,1-Dichloroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,2-Dichloroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,1-Dichloroethene	ND		0.00100	1	06/05/2025 12:50	WG2531462
cis-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:50	WG2531462
trans-1,2-Dichloroethene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,2-Dichloropropane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,1-Dichloropropene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,3-Dichloropropane	ND		0.00100	1	06/05/2025 12:50	WG2531462
cis-1,3-Dichloropropene	ND	C3 J4	0.00100	1	06/05/2025 12:50	WG2531462
trans-1,3-Dichloropropene	ND		0.00100	1	06/05/2025 12:50	WG2531462
2,2-Dichloropropane	ND	C3	0.00100	1	06/05/2025 12:50	WG2531462
Di-isopropyl ether	ND		0.00100	1	06/05/2025 12:50	WG2531462
Ethylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Hexachloro-1,3-butadiene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Isopropylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
p-Isopropyltoluene	ND		0.00100	1	06/05/2025 12:50	WG2531462
2-Butanone (MEK)	ND		0.0100	1	06/05/2025 12:50	WG2531462
Methylene Chloride	ND		0.00500	1	06/05/2025 12:50	WG2531462
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	06/05/2025 12:50	WG2531462
Methyl tert-butyl ether	ND		0.00100	1	06/05/2025 12:50	WG2531462
Naphthalene	ND	C3 J4	0.00500	1	06/05/2025 12:50	WG2531462
n-Propylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Styrene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,1,1,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,1,2,2-Tetrachloroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
Tetrachloroethene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Toluene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,2,3-Trichlorobenzene	ND		0.00100	1	06/05/2025 18:54	WG2531939
1,2,4-Trichlorobenzene	ND	C3 J4	0.00100	1	06/05/2025 12:50	WG2531462

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	06/05/2025 12:50	WG2531462
1,1,2-Trichloroethane	ND		0.00100	1	06/05/2025 12:50	WG2531462
Trichloroethene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Trichlorofluoromethane	ND		0.00500	1	06/05/2025 12:50	WG2531462
1,2,3-Trichloropropane	ND		0.00250	1	06/05/2025 12:50	WG2531462
1,2,4-Trimethylbenzene	ND	C3	0.00100	1	06/05/2025 12:50	WG2531462
1,2,3-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
1,3,5-Trimethylbenzene	ND		0.00100	1	06/05/2025 12:50	WG2531462
Vinyl chloride	ND		0.00100	1	06/05/2025 12:50	WG2531462
Xylenes, Total	ND		0.00300	1	06/05/2025 12:50	WG2531462
(S) Toluene-d8	*107*		*80.0-120*		*06/05/2025 12:50*	WG2531462
(S) Toluene-d8	*103*		*80.0-120*		*06/05/2025 18:54*	WG2531939
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*06/05/2025 12:50*	WG2531462
(S) 4-Bromofluorobenzene	*99.9*		*77.0-126*		*06/05/2025 18:54*	WG2531939
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*06/05/2025 12:50*	WG2531462
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/05/2025 18:54*	WG2531939

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)	1.11		0.241	0.241	0.372	0.164	06/06/2025 13:01	WG2532437
Bismuth-214 (Ra-226)	0.691		0.157	0.157	0.212	0.0959	06/06/2025 13:01	WG2532437
Lead-214	0.782		0.162	0.162	0.198	0.0908	06/06/2025 13:01	WG2532437
Thorium-234 (U-238)	1.33	J	1.21	1.21	2.34	0.933	06/06/2025 13:01	WG2532437
Radium-226 (186 KeV)	1.30		0.680	0.680	1.19	0.559	06/06/2025 13:01	WG2532437

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		0.357	0.357	0.673	0.304	06/06/2025 13:01	WG2532437
Bismuth-214 (Ra-226)	0.691		0.203	0.203	0.295	0.133	06/06/2025 13:01	WG2532437
Lead-214	0.834		0.187	0.187	0.280	0.128	06/06/2025 13:01	WG2532437
Thorium-234 (U-238)	1.95	J	1.72	1.72	3.05	1.22	06/06/2025 13:01	WG2532437
Radium-226 (186 KeV)	1.19	J	0.979	0.979	1.78	0.839	06/06/2025 13:01	WG2532437

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)	0.494		0.181	0.181	0.378	0.170	06/06/2025 13:01	WG2532437
Bismuth-214 (Ra-226)	0.349		0.128	0.128	0.213	0.0975	06/06/2025 13:01	WG2532437
Lead-214	0.385		0.114	0.114	0.192	0.0880	06/06/2025 13:01	WG2532437
Thorium-234 (U-238)	-1.12	U	1.10	1.10	2.44	0.967	06/06/2025 13:01	WG2532437
Radium-226 (186 KeV)	0.289	U	0.624	0.624	1.21	0.566	06/06/2025 13:01	WG2532437

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)	1.18		0.320	0.320	0.527	0.222	06/06/2025 13:02	WG2532437
Bismuth-214 (Ra-226)	0.685		0.210	0.210	0.294	0.128	06/06/2025 13:02	WG2532437
Lead-214	0.709		0.176	0.176	0.280	0.125	06/06/2025 13:02	WG2532437
Thorium-234 (U-238)	1.38	J	1.28	1.28	2.49	0.972	06/06/2025 13:02	WG2532437
Radium-226 (186 KeV)	1.59		0.851	0.851	1.46	0.669	06/06/2025 13:02	WG2532437

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)	0.808		0.278	0.278	0.560	0.243	06/06/2025 13:02	WG2532437
Bismuth-214 (Ra-226)	0.758		0.191	0.191	0.234	0.101	06/06/2025 13:02	WG2532437
Lead-214	0.499		0.267	0.267	0.253	0.114	06/06/2025 13:02	WG2532437
Thorium-234 (U-238)	1.10	J	0.860	0.860	1.75	0.692	06/06/2025 13:02	WG2532437
Radium-226 (186 KeV)	0.338	U	0.736	0.736	1.30	0.603	06/06/2025 13:02	WG2532437

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)	1.24		0.349	0.349	0.482	0.181	06/06/2025 13:03	WG2532437
Bismuth-214 (Ra-226)	0.802		0.248	0.248	0.314	0.132	06/06/2025 13:03	WG2532437
Lead-214	0.680		0.201	0.201	0.336	0.150	06/06/2025 13:03	WG2532437
Thorium-234 (U-238)	1.24	J	0.880	0.880	1.75	0.687	06/06/2025 13:03	WG2532437
Radium-226 (186 KeV)	1.33	J	0.959	0.959	1.58	0.725	06/06/2025 13:03	WG2532437

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)	0.599	J	0.281	0.281	0.648	0.288	06/06/2025 13:52	WG2532437
Bismuth-214 (Ra-226)	0.726		0.205	0.205	0.286	0.127	06/06/2025 13:52	WG2532437
Lead-214	0.567		0.168	0.168	0.288	0.131	06/06/2025 13:52	WG2532437
Thorium-234 (U-238)	1.30	J	0.995	0.995	2.12	0.847	06/06/2025 13:52	WG2532437
Radium-226 (186 KeV)	1.57		0.799	0.799	1.33	0.614	06/06/2025 13:52	WG2532437

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)	0.740		0.189	0.189	0.337	0.151	06/06/2025 13:52	WG2532437
Bismuth-214 (Ra-226)	0.666		0.136	0.136	0.171	0.0775	06/06/2025 13:52	WG2532437
Lead-214	0.749		0.141	0.141	0.162	0.0743	06/06/2025 13:52	WG2532437
Thorium-234 (U-238)	1.34	J	1.03	1.03	1.99	0.795	06/06/2025 13:52	WG2532437
Radium-226 (186 KeV)	0.837	J	0.622	0.622	1.13	0.537	06/06/2025 13:52	WG2532437

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)	1.12		0.339	0.339	0.636	0.282	06/06/2025 13:52	WG2532437
Bismuth-214 (Ra-226)	0.486		0.202	0.202	0.327	0.147	06/06/2025 13:52	WG2532437
Lead-214	0.769		0.183	0.183	0.273	0.123	06/06/2025 13:52	WG2532437
Thorium-234 (U-238)	1.66	J	1.53	1.53	3.10	1.23	06/06/2025 13:52	WG2532437
Radium-226 (186 KeV)	1.33	J	0.940	0.940	1.68	0.785	06/06/2025 13:52	WG2532437

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)	0.964		0.245	0.245	0.423	0.189	06/06/2025 13:52	WG2532437
Bismuth-214 (Ra-226)	0.667		0.168	0.168	0.244	0.112	06/06/2025 13:52	WG2532437
Lead-214	0.605		0.153	0.153	0.246	0.114	06/06/2025 13:52	WG2532437
Thorium-234 (U-238)	-1.85	U	1.44	1.44	3.06	1.21	06/06/2025 13:52	WG2532437
Radium-226 (186 KeV)	0.110	U	0.780	0.780	1.52	0.718	06/06/2025 13:52	WG2532437

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)	0.721		0.267	0.267	0.504	0.210	06/06/2025 13:53	WG2532437
Bismuth-214 (Ra-226)	0.583		0.207	0.207	0.302	0.132	06/06/2025 13:53	WG2532437
Lead-214	0.667		0.175	0.175	0.280	0.125	06/06/2025 13:53	WG2532437
Thorium-234 (U-238)	0.0990	U	1.08	1.08	2.44	0.950	06/06/2025 13:53	WG2532437
Radium-226 (186 KeV)	0.140	U	0.767	0.767	1.51	0.696	06/06/2025 13:53	WG2532437

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		0.300	0.300	0.530	0.225	06/06/2025 13:53	WG2532437
Bismuth-214 (Ra-226)	0.844		0.209	0.209	0.255	0.110	06/06/2025 13:53	WG2532437
Lead-214	1.42		0.189	0.189	0.248	0.111	06/06/2025 13:53	WG2532437
Thorium-234 (U-238)	-0.437	U	0.810	0.810	2.05	0.814	06/06/2025 13:53	WG2532437
Radium-226 (186 KeV)	0.591	J	0.757	0.757	1.31	0.605	06/06/2025 13:53	WG2532437

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)	0.738		0.232	0.232	0.420	0.183	06/06/2025 13:51	WG2532437
Bismuth-214 (Ra-226)	0.527		0.148	0.148	0.200	0.0886	06/06/2025 13:51	WG2532437
Lead-214	0.603		0.123	0.123	0.166	0.0748	06/06/2025 13:51	WG2532437
Thorium-234 (U-238)	0.962	J	0.651	0.651	1.19	0.469	06/06/2025 13:51	WG2532437
Radium-226 (186 KeV)	1.39		0.622	0.622	0.982	0.457	06/06/2025 13:51	WG2532437

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)	0.834		0.217	0.217	0.350	0.153	06/06/2025 14:38	WG2532437
Bismuth-214 (Ra-226)	0.565		0.149	0.149	0.218	0.0988	06/06/2025 14:38	WG2532437
Lead-214	0.598		0.150	0.150	0.202	0.0926	06/06/2025 14:38	WG2532437
Thorium-234 (U-238)	0.162	U	1.02	1.02	2.32	0.923	06/06/2025 14:38	WG2532437
Radium-226 (186 KeV)	0.369	U	0.668	0.668	1.27	0.599	06/06/2025 14:38	WG2532437

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)	0.862		0.350	0.350	0.778	0.348	06/06/2025 14:39	WG2532437
Bismuth-214 (Ra-226)	0.616		0.226	0.226	0.352	0.158	06/06/2025 14:39	WG2532437
Lead-214	0.720		0.194	0.194	0.302	0.137	06/06/2025 14:39	WG2532437
Thorium-234 (U-238)	1.29	U	1.57	1.57	3.24	1.28	06/06/2025 14:39	WG2532437
Radium-226 (186 KeV)	0.617	U	0.982	0.982	1.85	0.865	06/06/2025 14:39	WG2532437

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)	0.878		0.224	0.224	0.340	0.144	06/06/2025 13:03	WG2532437
Bismuth-214 (Ra-226)	0.576		0.144	0.144	0.183	0.0807	06/06/2025 13:03	WG2532437
Lead-214	0.635		0.118	0.118	0.166	0.0750	06/06/2025 13:03	WG2532437
Thorium-234 (U-238)	1.18		0.655	0.655	1.08	0.424	06/06/2025 13:03	WG2532437
Radium-226 (186 KeV)	0.720	J	0.606	0.606	1.03	0.481	06/06/2025 13:03	WG2532437

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)	0.955		0.258	0.258	0.485	0.216	06/06/2025 14:40	WG2532437
Bismuth-214 (Ra-226)	0.662		0.178	0.178	0.264	0.120	06/06/2025 14:40	WG2532437
Lead-214	0.536		0.156	0.156	0.258	0.118	06/06/2025 14:40	WG2532437
Thorium-234 (U-238)	-2.77	U	1.76	1.76	3.53	1.40	06/06/2025 14:40	WG2532437
Radium-226 (186 KeV)	0.943	J	0.904	0.904	1.68	0.790	06/06/2025 14:40	WG2532437

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)	0.756		0.248	0.248	0.467	0.198	06/06/2025 14:40	WG2532437
Bismuth-214 (Ra-226)	0.545		0.168	0.168	0.223	0.0954	06/06/2025 14:40	WG2532437
Lead-214	0.646		0.146	0.146	0.204	0.0892	06/06/2025 14:40	WG2532437
Thorium-234 (U-238)	-0.516	U	1.05	1.05	2.39	0.939	06/06/2025 14:40	WG2532437
Radium-226 (186 KeV)	1.20	J	0.697	0.697	1.21	0.552	06/06/2025 14:40	WG2532437

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)	0.761		0.237	0.237	0.420	0.179	06/06/2025 14:41	WG2532437
Bismuth-214 (Ra-226)	0.698		0.175	0.175	0.226	0.0993	06/06/2025 14:41	WG2532437
Lead-214	0.481		0.238	0.238	0.213	0.0963	06/06/2025 14:41	WG2532437
Thorium-234 (U-238)	1.19	J	0.795	0.795	1.57	0.623	06/06/2025 14:41	WG2532437
Radium-226 (186 KeV)	0.852	J	0.639	0.639	1.06	0.493	06/06/2025 14:41	WG2532437

QUALITY CONTROL SUMMARY

L1866147-24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42

Method Blank (MB)

(MB) R4226720-1 06/06/25 13:00

Analyte	MB Result pCi/g	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/g	MB Lc pCi/g
Actinium-228 (Ra-228)	-0.0522	U	0.197	0.734	0.315
Americium-241	0.121	U	0.197	0.358	0.167
Bismuth-214 (Ra-226)	-0.0336	U	0.170	0.374	0.163
Cesium-137	0.00463	U	0.0765	0.160	0.0669
Cobalt-60	0.00800	U	0.0510	0.189	0.0750
Lead-214	-0.0227	U	0.140	0.342	0.152
Radium-226 (186 KeV)	0.654	U	0.820	1.51	0.682
Thorium-234 (U-238)	1.53	J	0.968	1.93	0.749

L1866147-39 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-39 06/06/25 13:03 • (DUP) R4226720-2 06/06/25 13:51

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)	0.878	0.224	0.340	0.144	0.649	0.346	0.786	0.326	30.0	0.555	J	20	3
Bismuth-214 (Ra-226)	0.576	0.144	0.183	0.0807	0.585	0.258	0.388	0.166	1.52	0.0298		20	3
Lead-214	0.635	0.118	0.166	0.0750	0.580	0.203	0.347	0.153	9.08	0.235		20	3
Radium-226 (186 KeV)	0.720	0.606	1.03	0.481	1.63	1.08	1.76	0.807	77.5	0.737	J	20	3
Thorium-234 (U-238)	1.18	0.655	1.08	0.424	0.684	0.799	1.89	0.742	53.4	0.481	U	20	3

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

(LCS) R4226720-3 06/06/25 14:38 • (LCSD) R4226720-4 06/06/25 14:55

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	35.6	37.7	96.4	102	80.0-120			5.65	20
Cesium-137	53.8	55.9	58.1	104	108	80.0-120			3.84	20
Cobalt-60	62.9	63.4	67.9	101	108	80.0-120			6.83	20

Method Blank (MB)

(MB) R4226388-1 06/05/25 10:24

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1866147-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-12 06/05/25 10:24 • (DUP) R4226388-3 06/05/25 10:24

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.6	86.4	1	1.42		10

Laboratory Control Sample (LCS)

(LCS) R4226388-2 06/05/25 10:24

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

Method Blank (MB)

(MB) R4226387-1 06/05/25 09:58

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1866147-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-19 06/05/25 09:58 • (DUP) R4226387-3 06/05/25 09:58

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.5	85.8	1	1.55		10

Laboratory Control Sample (LCS)

(LCS) R4226387-2 06/05/25 09:58

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

Method Blank (MB)

(MB) R4227406-1 06/08/25 23:30

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

L1866141-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-01 06/08/25 23:37 • (DUP) R4227406-5 06/08/25 23:39

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

L1866141-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-02 06/08/25 23:40 • (DUP) R4227406-6 06/08/25 23:42

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

Laboratory Control Sample (LCS)

(LCS) R4227406-2 06/08/25 23:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250	274	109	90.0-110	

L1866139-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866139-01 06/08/25 23:33 • (MS) R4227406-3 06/08/25 23:34 • (MSD) R4227406-4 06/08/25 23:36

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 %
Ammonia Nitrogen	280	ND	296	283	106	101	1	90.0-110			4.50	20

QUALITY CONTROL SUMMARY

L1866147-13,14,15,16,19

Method Blank (MB)

(MB) R4227405-1 06/08/25 22:18

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

L1865164-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1865164-04 06/08/25 22:38 • (DUP) R4227405-3 06/08/25 22:39

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	29.9	1	85.7	P1	20

L1865436-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1865436-03 06/08/25 22:44 • (DUP) R4227405-4 06/08/25 22:45

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

Laboratory Control Sample (LCS)

(LCS) R4227405-2 06/08/25 22:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250	247	98.7	90.0-110	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/08/25 23:02 • (MS) R4227405-5 06/08/25 23:04 • (MSD) R4227405-6 06/08/25 23:05

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 %
Ammonia Nitrogen	296	ND	324	331	110	112	1	90.0-110		J5	2.10	20

Method Blank (MB)

(MB) R4227407-1 06/09/25 00:35

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

L1865842-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1865842-03 06/09/25 01:36 • (DUP) R4227407-7 06/09/25 01:37

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

L1865842-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1865842-07 06/09/25 01:42 • (DUP) R4227407-8 06/09/25 01:43

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

Laboratory Control Sample (LCS)

(LCS) R4227407-2 06/09/25 00:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	250	270	108	90.0-110	

L1865842-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1865842-09 06/09/25 00:55 • (MS) R4227407-5 06/09/25 00:56 • (MSD) R4227407-6 06/09/25 00:58

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	250	ND	268	258	107	103	1	90.0-110			3.77	20

Method Blank (MB)

(MB) R4227323-1 06/08/25 15:10

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

L1866141-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-03 06/08/25 15:44 • (DUP) R4227323-5 06/08/25 15:46

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	418	374	10	11.1		20

L1866141-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-05 06/08/25 15:50 • (DUP) R4227323-6 06/08/25 15:52

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	449	706	10	44.5	P1	20

Laboratory Control Sample (LCS)

(LCS) R4227323-2 06/08/25 15:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	624	677	108	81.7-124	

L1866139-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866139-01 06/08/25 15:34 • (MS) R4227323-3 06/08/25 15:36 • (MSD) R4227323-4 06/08/25 15:38

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 %
Kjeldahl Nitrogen, TKN	448	632	741	642	24.4	2.20	1	81.7-124	J6	J6	14.4	20

L1866147-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1866147-04 06/08/25 16:11 • (MS) R4227323-7 06/08/25 16:12

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	517	575	1900	257	1	81.7-124	E J5

Method Blank (MB)

(MB) R4227765-1 06/09/25 15:44

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

L1866147-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-07 06/09/25 15:52 • (DUP) R4227765-4 06/09/25 15:54

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Kjeldahl Nitrogen, TKN	1310	1230	5	6.05		20

Laboratory Control Sample (LCS)

(LCS) R4227765-2 06/09/25 15:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Kjeldahl Nitrogen, TKN	624	601	96.4	81.7-124	

L1866147-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1866147-06 06/09/25 15:48 • (MS) R4227765-3 06/09/25 15:50

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Kjeldahl Nitrogen, TKN	488	2660	2570	0.000	1	81.7-124	E V

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/09/25 16:19 • (MS) R4227765-6 06/09/25 16:21 • (MSD) R4227765-7 06/09/25 16:22

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 %
Kjeldahl Nitrogen, TKN	473	2760	2670	2520	0.000	0.000	1	81.7-124	E V	E V	5.87	20

QUALITY CONTROL SUMMARY

L1866147-08,10,11,12,13,19,20,21,22

Method Blank (MB)

(MB) R4226878-1 06/06/25 14:12

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

L1866147-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-08 06/06/25 14:32 • (DUP) R4226878-3 06/06/25 14:42

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

Laboratory Control Sample (LCS)

(LCS) R4226878-2 06/06/25 14:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.89	98.9	80.0-120	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 15:31 • (MS) R4226878-4 06/06/25 15:41 • (MSD) R4226878-5 06/06/25 16:11

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 %
Hexavalent Chromium	23.7	ND	ND	ND	0.000	0.000	1	75.0-125	J6	J6	0.000	20

L1866147-19 Original Sample (OS) • Matrix Spike (MS)

(OS) L1866147-19 06/06/25 15:31 • (MS) R4226878-7 06/06/25 16:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	767	ND	146	19.0	50	75.0-125	J6

QUALITY CONTROL SUMMARY

L1866147-01,02,03,04,06,07,14,15,16,18

Method Blank (MB)

(MB) R4227392-1 06/07/25 14:31

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

L1866141-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-04 06/07/25 15:25 • (DUP) R4227392-3 06/07/25 15:34

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	ND	0.273	1	200	P1	20

L1866147-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-06 06/07/25 17:41 • (DUP) R4227392-4 06/07/25 17:50

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

Laboratory Control Sample (LCS)

(LCS) R4227392-2 06/07/25 14:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.07	90.7	80.0-120	

L1866147-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-18 06/07/25 18:53 • (MS) R4227392-5 06/07/25 19:02 • (MSD) R4227392-6 06/07/25 19:11

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 %
Hexavalent Chromium	23.0	ND	4.10	7.46	17.9	32.5	1	75.0-125	J6	J3 J6	58.1	20

L1866147-18 Original Sample (OS) • Matrix Spike (MS)

(OS) L1866147-18 06/07/25 18:53 • (MS) R4227392-7 06/07/25 19:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	748	ND	549	73.4	50	75.0-125	J6

L1865230-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1865230-01 06/10/25 08:18 • (DUP) R4227977-2 06/10/25 08:18

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.55	8.55	1	0.000		1

Sample Narrative:

OS: 8.55 at 21.1C

DUP: 8.55 at 21C

L1866147-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-22 06/10/25 08:18 • (DUP) R4227977-3 06/10/25 08:18

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.53	7.56	1	0.398		1

Sample Narrative:

OS: 7.53 at 21.4C

DUP: 7.56 at 21.5C

Laboratory Control Sample (LCS)

(LCS) R4227977-1 06/10/25 08:18

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

Sample Narrative:

LCS: 10.01 at 21.8C

L1866139-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1866139-01 06/12/25 07:45 • (DUP) R4229245-2 06/12/25 07:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.20	8.18	1	0.244		1

Sample Narrative:

OS: 8.2 at 21.2C

DUP: 8.18 at 21.2C

L1866147-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-12 06/12/25 07:45 • (DUP) R4229245-3 06/12/25 07:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.87	7.90	1	0.380		1

Sample Narrative:

OS: 7.87 at 21C

DUP: 7.9 at 21.1C

Laboratory Control Sample (LCS)

(LCS) R4229245-1 06/12/25 07:45

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

Sample Narrative:

LCS: 10.01 at 21C

Method Blank (MB)

(MB) R4228120-1 06/10/25 11:21

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

L1865313-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1865313-01 06/10/25 11:21 • (DUP) R4228120-3 06/10/25 11:21

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	278	276	1	0.542		20

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

L1866147-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-21 06/10/25 11:21 • (DUP) R4228120-4 06/10/25 11:21

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	598	596	1	0.335		20

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

Laboratory Control Sample (LCS)

(LCS) R4228120-2 06/10/25 11:21

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	593	102	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4229353-1 06/12/25 13:05

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

L1866141-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1866141-01 06/12/25 13:05 • (DUP) R4229353-3 06/12/25 13:05

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	188	187	1	0.267		20

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

L1866147-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-11 06/12/25 13:05 • (DUP) R4229353-4 06/12/25 13:05

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	567	565	1	0.353		20

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

Laboratory Control Sample (LCS)

(LCS) R4229353-2 06/12/25 13:05

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	575	99.0	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4226431-1 06/06/25 02:14

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

Laboratory Control Sample (LCS)

(LCS) R4226431-2 06/06/25 02:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40.0	42.4	106	80.0-120	

L1866139-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866139-01 06/06/25 02:39 • (MS) R4226431-3 06/06/25 02:51 • (MSD) R4226431-4 06/06/25 03:04

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 %
Nitrate-Nitrite	44.8	ND	49.5	49.4	108	107	1.02	80.0-120			0.194	15

Method Blank (MB)

(MB) R4226484-1 06/06/25 00:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Nitrate-Nitrite	1.39	J	0.606	20.0

Laboratory Control Sample (LCS)

(LCS) R4226484-2 06/06/25 00:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate-Nitrite	40.0	37.5	93.7	80.0-120	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 03:30 • (MS) R4226484-3 06/06/25 03:46 • (MSD) R4226484-4 06/06/25 04:03

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 %
Nitrate-Nitrite	47.3	29.5	75.0	81.4	96.2	110	1.03	80.0-120			8.11	15

QUALITY CONTROL SUMMARY

L1866147-08,10,11,12,13,19,20,21,22

Method Blank (MB)

(MB) R4226700-1 06/06/25 14:45

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

L1864712-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1864712-06 06/06/25 14:46 • (DUP) R4226700-3 06/06/25 14:46

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	13600	12900	5	4.84		20

L1866147-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-08 06/06/25 14:51 • (DUP) R4226700-4 06/06/25 14:51

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	46900	43200	9	8.23		20

Laboratory Control Sample (LCS)

(LCS) R4226700-2 06/06/25 14:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230	3990	123	75.0-144	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 14:56 • (MS) R4226700-5 06/06/25 14:56 • (MSD) R4226700-6 06/06/25 14:57

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	40000	46300	82900	84600	91.5	95.7	10	80.0-120			2.03	20

Method Blank (MB)

(MB) R4226670-1 06/06/25 14:18

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

L1865262-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1865262-01 06/06/25 14:20 • (DUP) R4226670-5 06/06/25 14:20

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	73200	72900	10	0.403		20

L1866147-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1866147-16 06/06/25 14:24 • (DUP) R4226670-6 06/06/25 14:25

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	28200	23400	9	18.6		20

Laboratory Control Sample (LCS)

(LCS) R4226670-2 06/06/25 14:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230	3670	114	75.0-144	

L1864849-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1864849-03 06/06/25 14:19 • (MS) R4226670-3 06/06/25 14:19 • (MSD) R4226670-4 06/06/25 14:20

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	20000	9040	30400	29400	107	102	5	80.0-120			3.08	20

Method Blank (MB)

(MB) R4228240-1 06/10/25 08:21

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) R4228240-2 06/10/25 08:22 • (LCSD) R4228240-3 06/10/25 08:24

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	1.08	1.09	108	109	80.0-120			1.06	20

Method Blank (MB)

(MB) R4229159-1 06/11/25 22:41

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) R4229159-2 06/11/25 22:43 • (LCSD) R4229159-3 06/11/25 22:45

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	1.13	1.15	113	115	80.0-120			1.96	20

QUALITY CONTROL SUMMARY

L1866147-10,11,12

Method Blank (MB)

(MB) R4230038-1 06/13/25 06:39

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) R4230038-2 06/13/25 06:41 • (LCSD) R4230038-3 06/13/25 06:43

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	1.04	105	104	80.0-120			0.893	20

Method Blank (MB)

(MB) R4226240-3 06/05/25 17:56

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) R4226240-4 06/05/25 17:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	1110	111	80.0-120	
Antimony	100	104	104	80.0-120	
Beryllium	100	113	113	80.0-120	
Calcium	1000	1110	111	80.0-120	
Chromium	100	102	102	80.0-120	
Cobalt	100	103	103	80.0-120	
Iron	1000	1100	110	80.0-120	
Magnesium	1000	1080	108	80.0-120	
Manganese	100	110	110	80.0-120	
Potassium	1000	1120	112	80.0-120	
Sodium	1000	1120	112	80.0-120	
Thallium	100	105	105	80.0-120	
Vanadium	100	106	106	80.0-120	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/05/25 17:59 • (MS) R4226240-7 06/05/25 18:04 • (MSD) R4226240-8 06/05/25 18:06

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 %
Aluminum	1180	1820	3570	3130	148	111	1	75.0-125	J5		12.9	20
Antimony	118	ND	98.9	106	83.6	89.7	1	75.0-125			7.11	20
Beryllium	118	0.250	123	129	104	109	1	75.0-125			5.04	20
Calcium	1180	20100	17500	37600	0.000	1480	1	75.0-125	V	J3 V	73.1	20
Chromium	118	2.64	122	127	101	105	1	75.0-125			3.86	20
Cobalt	118	1.84	121	127	101	106	1	75.0-125			4.53	20
Iron	1180	3390	5260	4370	158	82.9	1	75.0-125	J5		18.4	20
Magnesium	1180	2650	3560	3450	76.8	67.6	1	75.0-125		J6	3.10	20
Manganese	118	179	287	343	91.3	138	1	75.0-125		J5	17.7	20
Potassium	1180	2390	3500	3430	93.7	88.1	1	75.0-125			1.91	20
Sodium	1180	ND	1290	1400	99.2	109	1	75.0-125			8.54	20
Thallium	118	ND	115	119	97.1	101	1	75.0-125			3.53	20
Vanadium	118	6.38	121	126	96.9	101	1	75.0-125			3.72	20

QUALITY CONTROL SUMMARY

L1866147-01,02,03,04,06,07,14,15,16,18

Method Blank (MB)

(MB) R4227018-1 06/07/25 09:45

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	2.40	J	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) R4227018-2 06/07/25 09:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aluminum	1000	968	96.8	80.0-120	
Antimony	100	96.9	96.9	80.0-120	
Beryllium	100	97.6	97.6	80.0-120	
Calcium	1000	968	96.8	80.0-120	
Chromium	100	91.4	91.4	80.0-120	
Cobalt	100	90.8	90.8	80.0-120	
Iron	1000	982	98.2	80.0-120	
Magnesium	1000	948	94.8	80.0-120	
Manganese	100	99.8	99.8	80.0-120	
Potassium	1000	965	96.5	80.0-120	
Sodium	1000	976	97.6	80.0-120	
Thallium	100	97.9	97.9	80.0-120	
Vanadium	100	94.1	94.1	80.0-120	

L1866139-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866139-01 06/07/25 09:48 • (MS) R4227018-5 06/07/25 09:53 • (MSD) R4227018-6 06/07/25 09:55

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 %
Aluminum	1120	4630	6860	4750	199	9.94	1	75.0-125	V	J3 V	36.4	20
Antimony	112	ND	81.3	80.8	72.6	72.2	1	75.0-125	J6	J6	0.611	20
Beryllium	112	0.532	101	96.3	89.6	85.5	1	75.0-125			4.65	20
Calcium	1120	8200	9670	8550	132	31.0	1	75.0-125	V	V	12.4	20
Chromium	112	5.54	108	99.0	91.3	83.4	1	75.0-125			8.51	20
Cobalt	112	4.49	104	96.3	89.1	82.0	1	75.0-125			7.94	20
Iron	1120	8910	10100	6610	104	0.000	1	75.0-125		J3 V	41.6	20
Magnesium	1120	2270	3510	2870	111	53.5	1	75.0-125		J3 J6	20.2	20
Manganese	112	290	367	286	69.1	0.000	1	75.0-125	J6	J3 J6	24.8	20
Potassium	1120	1590	2730	2180	102	53.0	1	75.0-125		J3 J6	22.1	20
Sodium	1120	ND	1060	1010	88.1	84.2	1	75.0-125			4.27	20
Thallium	112	ND	102	95.4	91.0	85.2	1	75.0-125			6.55	20
Vanadium	112	15.1	111	102	85.7	77.8	1	75.0-125			8.29	20

QUALITY CONTROL SUMMARY

L1866147-01,02,03,04,06,07,08,10,11

Method Blank (MB)

(MB) R4229701-1 06/12/25 23:11

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) R4229701-2 06/12/25 23:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.3	91.3	80.0-120	
Barium	100	92.0	92.0	80.0-120	
Cadmium	100	103	103	80.0-120	
Copper	100	97.0	97.0	80.0-120	
Lead	100	90.9	90.9	80.0-120	
Nickel	100	98.1	98.1	80.0-120	
Selenium	100	94.7	94.7	80.0-120	
Silver	20.0	20.4	102	80.0-120	
Zinc	100	93.2	93.2	80.0-120	

L1866141-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-02 06/12/25 23:17 • (MS) R4229701-5 06/12/25 23:26 • (MSD) R4229701-6 06/12/25 23:29

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	110	1.42	90.5	93.6	80.8	83.6	5	75.0-125			3.32	20
Barium	110	55.3	156	164	91.5	98.6	5	75.0-125			4.87	20
Cadmium	110	0.141	100	107	90.7	96.8	5	75.0-125			6.51	20
Copper	110	ND	97.2	102	88.2	92.7	5	75.0-125			4.94	20
Lead	110	ND	96.9	104	87.9	94.1	5	75.0-125			6.78	20
Nickel	110	ND	99.1	103	89.9	93.0	5	75.0-125			3.38	20
Selenium	110	0.125	88.0	89.9	79.8	81.4	5	75.0-125			2.04	20
Silver	22.0	ND	21.4	21.9	96.9	99.3	5	75.0-125			2.51	20

L1866141-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-02 06/12/25 23:17 • (MS) R4229701-5 06/12/25 23:26 • (MSD) R4229701-6 06/12/25 23:29

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 %
Zinc	110	ND	106	107	96.0	96.8	5	75.0-125			0.808	20

Method Blank (MB)

(MB) R4229672-1 06/12/25 21:53

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) R4229672-2 06/12/25 21:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	92.5	92.5	80.0-120	
Barium	100	93.2	93.2	80.0-120	
Cadmium	100	104	104	80.0-120	
Copper	100	96.1	96.1	80.0-120	
Lead	100	95.3	95.3	80.0-120	
Nickel	100	99.8	99.8	80.0-120	
Selenium	100	95.2	95.2	80.0-120	
Silver	20.0	21.1	106	80.0-120	
Zinc	100	94.6	94.6	80.0-120	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/12/25 21:59 • (MS) R4229672-5 06/12/25 22:09 • (MSD) R4229672-6 06/12/25 22:12

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	1.73	111	111	92.3	92.3	5	75.0-125			0.0307	20
Barium	118	66.8	177	177	93.0	93.0	5	75.0-125			0.00488	20
Cadmium	118	0.245	123	123	104	104	5	75.0-125			0.0945	20
Copper	118	ND	128	130	108	110	5	75.0-125			1.74	20
Lead	118	ND	115	117	96.8	98.7	5	75.0-125			2.00	20
Nickel	118	ND	123	122	104	103	5	75.0-125			0.502	20
Selenium	118	0.264	110	115	92.9	97.0	5	75.0-125			4.37	20
Silver	23.7	ND	24.1	24.1	102	102	5	75.0-125			0.293	20

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/12/25 21:59 • (MS) R4229672-5 06/12/25 22:09 • (MSD) R4229672-6 06/12/25 22:12

Analyte	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
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Zinc	118	170	273	293	86.9	104	5	75.0-125	E	E	7.14	20

Method Blank (MB)

(MB) R4226328-2 06/05/25 15:02

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)	*105*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4226328-1 06/05/25 13:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.16	103	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*112*	*77.0-120*	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/05/25 21:48 • (MS) R4226328-3 06/05/25 23:23 • (MSD) R4226328-4 06/05/25 23:47

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	171	ND	171	164	100	96.0	25	10.0-151			4.08	28
(S) a,a,a-Trifluorotoluene(FID)					*115*	*114*		*77.0-120*				

Method Blank (MB)

(MB) R4226165-4 06/05/25 08:14

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	0.000207	J	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

Method Blank (MB)

(MB) R4226165-4 06/05/25 08:14

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
1,2,4-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	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

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

(LCS) R4226165-1 06/05/25 06:31 • (LCSD) R4226165-2 06/05/25 06:52

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 %
Acetone	0.0250	0.0332	0.0349	133	140	19.0-160			4.99	27
Acrolein	0.0250	0.0313	0.0308	125	123	10.0-160			1.61	26
Acrylonitrile	0.0250	0.0253	0.0253	101	101	55.0-149			0.000	20
Benzene	0.00500	0.00431	0.00441	86.2	88.2	70.0-123			2.29	20
Bromobenzene	0.00500	0.00400	0.00417	80.0	83.4	73.0-121			4.16	20

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

(LCS) R4226165-1 06/05/25 06:31 • (LCSD) R4226165-2 06/05/25 06:52

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 %
Bromodichloromethane	0.00500	0.00404	0.00411	80.8	82.2	75.0-120			1.72	20
Bromoform	0.00500	0.00416	0.00436	83.2	87.2	68.0-132			4.69	20
Bromomethane	0.00500	0.00642	0.00690	128	138	10.0-160			7.21	25
n-Butylbenzene	0.00500	0.00412	0.00439	82.4	87.8	73.0-125			6.35	20
sec-Butylbenzene	0.00500	0.00404	0.00426	80.8	85.2	75.0-125			5.30	20
tert-Butylbenzene	0.00500	0.00412	0.00434	82.4	86.8	76.0-124			5.20	20
Carbon tetrachloride	0.00500	0.00433	0.00430	86.6	86.0	68.0-126			0.695	20
Chlorobenzene	0.00500	0.00457	0.00470	91.4	94.0	80.0-121			2.80	20
Chlorodibromomethane	0.00500	0.00424	0.00430	84.8	86.0	77.0-125			1.41	20
Chloroethane	0.00500	0.00464	0.00473	92.8	94.6	47.0-150			1.92	20
Chloroform	0.00500	0.00445	0.00447	89.0	89.4	73.0-120			0.448	20
Chloromethane	0.00500	0.00564	0.00587	113	117	41.0-142			4.00	20
2-Chlorotoluene	0.00500	0.00457	0.00478	91.4	95.6	76.0-123			4.49	20
4-Chlorotoluene	0.00500	0.00431	0.00451	86.2	90.2	75.0-122			4.54	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00300	0.00335	60.0	67.0	58.0-134			11.0	20
1,2-Dibromoethane	0.00500	0.00429	0.00441	85.8	88.2	80.0-122			2.76	20
Dibromomethane	0.00500	0.00464	0.00457	92.8	91.4	80.0-120			1.52	20
1,2-Dichlorobenzene	0.00500	0.00435	0.00453	87.0	90.6	79.0-121			4.05	20
1,3-Dichlorobenzene	0.00500	0.00431	0.00456	86.2	91.2	79.0-120			5.64	20
1,4-Dichlorobenzene	0.00500	0.00418	0.00458	83.6	91.6	79.0-120			9.13	20
Dichlorodifluoromethane	0.00500	0.00371	0.00375	74.2	75.0	51.0-149			1.07	20
1,1-Dichloroethane	0.00500	0.00473	0.00476	94.6	95.2	70.0-126			0.632	20
1,2-Dichloroethane	0.00500	0.00463	0.00452	92.6	90.4	70.0-128			2.40	20
1,1-Dichloroethene	0.00500	0.00446	0.00437	89.2	87.4	71.0-124			2.04	20
cis-1,2-Dichloroethene	0.00500	0.00424	0.00429	84.8	85.8	73.0-120			1.17	20
trans-1,2-Dichloroethene	0.00500	0.00447	0.00448	89.4	89.6	73.0-120			0.223	20
1,2-Dichloropropane	0.00500	0.00510	0.00507	102	101	77.0-125			0.590	20
1,1-Dichloropropene	0.00500	0.00421	0.00418	84.2	83.6	74.0-126			0.715	20
1,3-Dichloropropane	0.00500	0.00447	0.00466	89.4	93.2	80.0-120			4.16	20
cis-1,3-Dichloropropene	0.00500	0.00396	0.00413	79.2	82.6	80.0-123	J4		4.20	20
trans-1,3-Dichloropropene	0.00500	0.00411	0.00431	82.2	86.2	78.0-124			4.75	20
2,2-Dichloropropane	0.00500	0.00349	0.00359	69.8	71.8	58.0-130			2.82	20
Di-isopropyl ether	0.00500	0.00487	0.00486	97.4	97.2	58.0-138			0.206	20
Ethylbenzene	0.00500	0.00421	0.00440	84.2	88.0	79.0-123			4.41	20
Hexachloro-1,3-butadiene	0.00500	0.00401	0.00450	80.2	90.0	54.0-138			11.5	20
Isopropylbenzene	0.00500	0.00401	0.00418	80.2	83.6	76.0-127			4.15	20
p-Isopropyltoluene	0.00500	0.00424	0.00448	84.8	89.6	76.0-125			5.50	20
2-Butanone (MEK)	0.0250	0.0284	0.0291	114	116	44.0-160			2.43	20
Methylene Chloride	0.00500	0.00430	0.00441	86.0	88.2	67.0-120			2.53	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0253	0.0261	101	104	68.0-142			3.11	20

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

(LCS) R4226165-1 06/05/25 06:31 • (LCSD) R4226165-2 06/05/25 06:52

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 %
Methyl tert-butyl ether	0.00500	0.00402	0.00408	80.4	81.6	68.0-125			1.48	20
Naphthalene	0.00500	0.00234	0.00254	46.8	50.8	54.0-135	J4	J4	8.20	20
n-Propylbenzene	0.00500	0.00438	0.00463	87.6	92.6	77.0-124			5.55	20
Styrene	0.00500	0.00403	0.00415	80.6	83.0	73.0-130			2.93	20
1,1,1,2-Tetrachloroethane	0.00500	0.00444	0.00448	88.8	89.6	75.0-125			0.897	20
1,1,2,2-Tetrachloroethane	0.00500	0.00415	0.00416	83.0	83.2	65.0-130			0.241	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00469	0.00466	93.8	93.2	69.0-132			0.642	20
Tetrachloroethene	0.00500	0.00480	0.00491	96.0	98.2	72.0-132			2.27	20
Toluene	0.00500	0.00436	0.00449	87.2	89.8	79.0-120			2.94	20
1,2,4-Trichlorobenzene	0.00500	0.00255	0.00279	51.0	55.8	57.0-137	J4	J4	8.99	20
1,1,1-Trichloroethane	0.00500	0.00425	0.00425	85.0	85.0	73.0-124			0.000	20
1,1,2-Trichloroethane	0.00500	0.00450	0.00456	90.0	91.2	80.0-120			1.32	20
Trichloroethene	0.00500	0.00464	0.00463	92.8	92.6	78.0-124			0.216	20
Trichlorofluoromethane	0.00500	0.00434	0.00434	86.8	86.8	59.0-147			0.000	20
1,2,3-Trichloropropane	0.00500	0.00435	0.00443	87.0	88.6	73.0-130			1.82	20
1,2,4-Trimethylbenzene	0.00500	0.00397	0.00416	79.4	83.2	76.0-121			4.67	20
1,2,3-Trimethylbenzene	0.00500	0.00401	0.00421	80.2	84.2	77.0-120			4.87	20
1,3,5-Trimethylbenzene	0.00500	0.00413	0.00431	82.6	86.2	76.0-122			4.27	20
Vinyl chloride	0.00500	0.00450	0.00455	90.0	91.0	67.0-131			1.10	20
Xylenes, Total	0.0150	0.0128	0.0133	85.3	88.7	79.0-123			3.83	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.6*	*96.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*92.4*	*91.9*	*70.0-130*				

Method Blank (MB)

(MB) R4226295-3 06/05/25 15:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
1,2,3-Trichlorobenzene	U		0.000230	0.00100
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*

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

(LCS) R4226295-1 06/05/25 14:29 • (LCSD) R4226295-2 06/05/25 14:51

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 %
1,2,3-Trichlorobenzene	0.00500	0.00418	0.00451	83.6	90.2	50.0-138			7.59	20
(S) Toluene-d8				*99.3*	*98.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*99.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*102*	*70.0-130*				

Method Blank (MB)

(MB) R4226395-3 06/05/25 10:40

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	0.00353		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

Method Blank (MB)

(MB) R4226395-3 06/05/25 10:40

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	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*

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

(LCS) R4226395-1 06/05/25 09:04 • (LCSD) R4226395-2 06/05/25 09:23

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	0.710	0.877	114	140	10.0-160			21.0	31
Acrylonitrile	0.625	0.858	0.851	137	136	45.0-153			0.819	22
Benzene	0.125	0.132	0.129	106	103	70.0-123			2.30	20
Bromobenzene	0.125	0.120	0.119	96.0	95.2	73.0-121			0.837	20
Bromodichloromethane	0.125	0.140	0.141	112	113	73.0-121			0.712	20
Bromoform	0.125	0.127	0.128	102	102	64.0-132			0.784	20

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

(LCS) R4226395-1 06/05/25 09:04 • (LCSD) R4226395-2 06/05/25 09:23

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 %
Bromomethane	0.125	0.121	0.112	96.8	89.6	56.0-147			7.73	20
n-Butylbenzene	0.125	0.121	0.124	96.8	99.2	68.0-135			2.45	20
sec-Butylbenzene	0.125	0.127	0.129	102	103	74.0-130			1.56	20
tert-Butylbenzene	0.125	0.121	0.122	96.8	97.6	75.0-127			0.823	20
Carbon tetrachloride	0.125	0.143	0.139	114	111	66.0-128			2.84	20
Chlorobenzene	0.125	0.122	0.120	97.6	96.0	76.0-128			1.65	20
Chlorodibromomethane	0.125	0.134	0.131	107	105	74.0-127			2.26	20
Chloroethane	0.125	0.143	0.134	114	107	61.0-134			6.50	20
Chloroform	0.125	0.143	0.141	114	113	72.0-123			1.41	20
Chloromethane	0.125	0.117	0.115	93.6	92.0	51.0-138			1.72	20
2-Chlorotoluene	0.125	0.121	0.119	96.8	95.2	75.0-124			1.67	20
4-Chlorotoluene	0.125	0.118	0.117	94.4	93.6	75.0-124			0.851	20
1,2-Dibromo-3-Chloropropane	0.125	0.126	0.132	101	106	59.0-130			4.65	20
1,2-Dibromoethane	0.125	0.126	0.124	101	99.2	74.0-128			1.60	20
Dibromomethane	0.125	0.139	0.134	111	107	75.0-122			3.66	20
1,2-Dichlorobenzene	0.125	0.120	0.121	96.0	96.8	76.0-124			0.830	20
1,3-Dichlorobenzene	0.125	0.116	0.120	92.8	96.0	76.0-125			3.39	20
1,4-Dichlorobenzene	0.125	0.112	0.113	89.6	90.4	77.0-121			0.889	20
Dichlorodifluoromethane	0.125	0.146	0.142	117	114	43.0-156			2.78	20
1,1-Dichloroethane	0.125	0.138	0.134	110	107	70.0-127			2.94	20
1,2-Dichloroethane	0.125	0.130	0.123	104	98.4	65.0-131			5.53	20
1,1-Dichloroethene	0.125	0.144	0.138	115	110	65.0-131			4.26	20
cis-1,2-Dichloroethene	0.125	0.143	0.136	114	109	73.0-125			5.02	20
trans-1,2-Dichloroethene	0.125	0.144	0.133	115	106	71.0-125			7.94	20
1,2-Dichloropropane	0.125	0.137	0.138	110	110	74.0-125			0.727	20
1,1-Dichloropropene	0.125	0.128	0.130	102	104	73.0-125			1.55	20
1,3-Dichloropropane	0.125	0.124	0.123	99.2	98.4	80.0-125			0.810	20
cis-1,3-Dichloropropene	0.125	0.137	0.141	110	113	76.0-127			2.88	20
trans-1,3-Dichloropropene	0.125	0.132	0.130	106	104	73.0-127			1.53	20
2,2-Dichloropropane	0.125	0.179	0.165	143	132	59.0-135	J4		8.14	20
Di-isopropyl ether	0.125	0.137	0.133	110	106	60.0-136			2.96	20
Ethylbenzene	0.125	0.125	0.124	100	99.2	74.0-126			0.803	20
Hexachloro-1,3-butadiene	0.125	0.120	0.129	96.0	103	57.0-150			7.23	20
Isopropylbenzene	0.125	0.122	0.124	97.6	99.2	72.0-127			1.63	20
p-Isopropyltoluene	0.125	0.125	0.128	100	102	72.0-133			2.37	20
2-Butanone (MEK)	0.625	0.802	1.04	128	166	30.0-160		J3 J4	25.8	24
Methylene Chloride	0.125	0.142	0.135	114	108	68.0-123			5.05	20
4-Methyl-2-pentanone (MIBK)	0.625	0.699	0.696	112	111	56.0-143			0.430	20
Methyl tert-butyl ether	0.125	0.155	0.158	124	126	66.0-132			1.92	20
n-Propylbenzene	0.125	0.120	0.120	96.0	96.0	74.0-126			0.000	20

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

(LCS) R4226395-1 06/05/25 09:04 • (LCSD) R4226395-2 06/05/25 09:23

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 %
Styrene	0.125	0.119	0.123	95.2	98.4	72.0-127			3.31	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.129	102	103	74.0-129			0.778	20
1,1,2,2-Tetrachloroethane	0.125	0.132	0.126	106	101	68.0-128			4.65	20
1,1,2-Trichlorotrifluoroethane	0.125	0.152	0.143	122	114	61.0-139			6.10	20
Tetrachloroethene	0.125	0.123	0.123	98.4	98.4	70.0-136			0.000	20
Toluene	0.125	0.116	0.116	92.8	92.8	75.0-121			0.000	20
1,2,3-Trichlorobenzene	0.125	0.106	0.127	84.8	102	59.0-139			18.0	20
1,2,4-Trichlorobenzene	0.125	0.113	0.129	90.4	103	62.0-137			13.2	20
1,1,1-Trichloroethane	0.125	0.144	0.142	115	114	69.0-126			1.40	20
1,1,2-Trichloroethane	0.125	0.129	0.126	103	101	78.0-123			2.35	20
Trichloroethene	0.125	0.130	0.130	104	104	76.0-126			0.000	20
Trichlorofluoromethane	0.125	0.138	0.133	110	106	61.0-142			3.69	20
1,2,3-Trichloropropane	0.125	0.130	0.134	104	107	67.0-129			3.03	20
1,2,3-Trimethylbenzene	0.125	0.115	0.118	92.0	94.4	74.0-124			2.58	20
1,2,4-Trimethylbenzene	0.125	0.125	0.123	100	98.4	70.0-126			1.61	20
1,3,5-Trimethylbenzene	0.125	0.121	0.120	96.8	96.0	73.0-127			0.830	20
Vinyl chloride	0.125	0.131	0.126	105	101	63.0-134			3.89	20
Xylenes, Total	0.375	0.372	0.372	99.2	99.2	72.0-127			0.000	20
(S) Toluene-d8				*95.6*	*95.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4226429-3 06/05/25 11:01

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	U		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

Method Blank (MB)

(MB) R4226429-3 06/05/25 11:01

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	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*

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

(LCS) R4226429-1 06/05/25 09:12 • (LCSD) R4226429-2 06/05/25 09:34

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	0.594	0.590	95.0	94.4	10.0-160			0.676	31
Acrylonitrile	0.625	0.750	0.790	120	126	45.0-153			5.19	22
Benzene	0.125	0.122	0.141	97.6	113	70.0-123			14.4	20
Bromobenzene	0.125	0.122	0.135	97.6	108	73.0-121			10.1	20
Bromodichloromethane	0.125	0.129	0.143	103	114	73.0-121			10.3	20
Bromoform	0.125	0.118	0.123	94.4	98.4	64.0-132			4.15	20

QUALITY CONTROL SUMMARY

L1866147-13,14,15,16,18,19,20,21,22

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

(LCS) R4226429-1 06/05/25 09:12 • (LCSD) R4226429-2 06/05/25 09:34

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 %
Bromomethane	0.125	0.0950	0.113	76.0	90.4	56.0-147			17.3	20
n-Butylbenzene	0.125	0.113	0.125	90.4	100	68.0-135			10.1	20
sec-Butylbenzene	0.125	0.111	0.124	88.8	99.2	74.0-130			11.1	20
tert-Butylbenzene	0.125	0.112	0.119	89.6	95.2	75.0-127			6.06	20
Carbon tetrachloride	0.125	0.125	0.145	100	116	66.0-128			14.8	20
Chlorobenzene	0.125	0.124	0.134	99.2	107	76.0-128			7.75	20
Chlorodibromomethane	0.125	0.133	0.141	106	113	74.0-127			5.84	20
Chloroethane	0.125	0.132	0.168	106	134	61.0-134		J3	24.0	20
Chloroform	0.125	0.130	0.153	104	122	72.0-123			16.3	20
Chloromethane	0.125	0.138	0.161	110	129	51.0-138			15.4	20
2-Chlorotoluene	0.125	0.125	0.137	100	110	75.0-124			9.16	20
4-Chlorotoluene	0.125	0.115	0.128	92.0	102	75.0-124			10.7	20
1,2-Dibromo-3-Chloropropane	0.125	0.113	0.122	90.4	97.6	59.0-130			7.66	20
1,2-Dibromoethane	0.125	0.131	0.143	105	114	74.0-128			8.76	20
Dibromomethane	0.125	0.127	0.147	102	118	75.0-122			14.6	20
1,2-Dichlorobenzene	0.125	0.118	0.129	94.4	103	76.0-124			8.91	20
1,3-Dichlorobenzene	0.125	0.124	0.138	99.2	110	76.0-125			10.7	20
1,4-Dichlorobenzene	0.125	0.123	0.133	98.4	106	77.0-121			7.81	20
Dichlorodifluoromethane	0.125	0.132	0.164	106	131	43.0-156		J3	21.6	20
1,1-Dichloroethane	0.125	0.136	0.162	109	130	70.0-127		J4	17.4	20
1,2-Dichloroethane	0.125	0.127	0.146	102	117	65.0-131			13.9	20
1,1-Dichloroethene	0.125	0.132	0.158	106	126	65.0-131			17.9	20
cis-1,2-Dichloroethene	0.125	0.107	0.125	85.6	100	73.0-125			15.5	20
trans-1,2-Dichloroethene	0.125	0.126	0.149	101	119	71.0-125			16.7	20
1,2-Dichloropropane	0.125	0.133	0.146	106	117	74.0-125			9.32	20
1,1-Dichloropropene	0.125	0.124	0.143	99.2	114	73.0-125			14.2	20
1,3-Dichloropropane	0.125	0.137	0.145	110	116	80.0-125			5.67	20
cis-1,3-Dichloropropene	0.125	0.131	0.141	105	113	76.0-127			7.35	20
trans-1,3-Dichloropropene	0.125	0.136	0.143	109	114	73.0-127			5.02	20
2,2-Dichloropropane	0.125	0.138	0.161	110	129	59.0-135			15.4	20
Di-isopropyl ether	0.125	0.146	0.168	117	134	60.0-136			14.0	20
Ethylbenzene	0.125	0.108	0.122	86.4	97.6	74.0-126			12.2	20
Hexachloro-1,3-butadiene	0.125	0.108	0.115	86.4	92.0	57.0-150			6.28	20
Isopropylbenzene	0.125	0.102	0.115	81.6	92.0	72.0-127			12.0	20
p-Isopropyltoluene	0.125	0.107	0.119	85.6	95.2	72.0-133			10.6	20
2-Butanone (MEK)	0.625	0.807	0.780	129	125	30.0-160			3.40	24
Methylene Chloride	0.125	0.121	0.140	96.8	112	68.0-123			14.6	20
4-Methyl-2-pentanone (MIBK)	0.625	0.766	0.812	123	130	56.0-143			5.83	20
Methyl tert-butyl ether	0.125	0.123	0.140	98.4	112	66.0-132			12.9	20
n-Propylbenzene	0.125	0.115	0.130	92.0	104	74.0-126			12.2	20

QUALITY CONTROL SUMMARY

L1866147-13,14,15,16,18,19,20,21,22

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

(LCS) R4226429-1 06/05/25 09:12 • (LCSD) R4226429-2 06/05/25 09:34

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 %
Styrene	0.125	0.107	0.115	85.6	92.0	72.0-127			7.21	20
1,1,1,2-Tetrachloroethane	0.125	0.123	0.133	98.4	106	74.0-129			7.81	20
1,1,2,2-Tetrachloroethane	0.125	0.140	0.150	112	120	68.0-128			6.90	20
1,1,2-Trichlorotrifluoroethane	0.125	0.136	0.161	109	129	61.0-139			16.8	20
Tetrachloroethene	0.125	0.128	0.146	102	117	70.0-136			13.1	20
Toluene	0.125	0.126	0.137	101	110	75.0-121			8.37	20
1,2,3-Trichlorobenzene	0.125	0.0905	0.0965	72.4	77.2	59.0-139			6.42	20
1,2,4-Trichlorobenzene	0.125	0.0899	0.102	71.9	81.6	62.0-137			12.6	20
1,1,1-Trichloroethane	0.125	0.127	0.146	102	117	69.0-126			13.9	20
1,1,2-Trichloroethane	0.125	0.140	0.149	112	119	78.0-123			6.23	20
Trichloroethene	0.125	0.124	0.141	99.2	113	76.0-126			12.8	20
Trichlorofluoromethane	0.125	0.128	0.154	102	123	61.0-142			18.4	20
1,2,3-Trichloropropane	0.125	0.133	0.145	106	116	67.0-129			8.63	20
1,2,3-Trimethylbenzene	0.125	0.108	0.117	86.4	93.6	74.0-124			8.00	20
1,2,4-Trimethylbenzene	0.125	0.104	0.115	83.2	92.0	70.0-126			10.0	20
1,3,5-Trimethylbenzene	0.125	0.111	0.123	88.8	98.4	73.0-127			10.3	20
Vinyl chloride	0.125	0.126	0.149	101	119	63.0-134			16.7	20
Xylenes, Total	0.375	0.324	0.363	86.4	96.8	72.0-127			11.4	20
(S) Toluene-d8				*99.9*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*90.9*	*92.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*115*	*70.0-130*				

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/05/25 17:22 • (MS) R4226429-4 06/05/25 21:01 • (MSD) R4226429-5 06/05/25 21:23

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 %
Acetone	0.855	ND	0.139	0.160	16.3	18.7	1	10.0-160			13.7	40
Acrylonitrile	0.855	ND	0.819	0.384	95.8	45.0	1	10.0-160		J3	72.3	40
Benzene	0.171	ND	0.133	0.123	78.1	71.8	1	10.0-149			8.32	37
Bromobenzene	0.171	ND	0.128	0.129	74.6	75.2	1	10.0-156			0.747	38
Bromodichloromethane	0.171	ND	0.122	0.130	71.6	76.3	1	10.0-143			6.38	37
Bromoform	0.171	ND	0.118	0.106	68.9	62.2	1	10.0-146			10.1	36
Bromomethane	0.171	ND	0.0692	0.0721	40.5	42.2	1	10.0-149			4.07	38
n-Butylbenzene	0.171	ND	0.131	0.117	76.5	68.5	1	10.0-160			11.0	40
sec-Butylbenzene	0.171	ND	0.124	0.116	72.3	68.0	1	10.0-159			6.16	39
tert-Butylbenzene	0.171	ND	0.123	0.139	71.8	81.6	1	10.0-156			12.8	39
Carbon tetrachloride	0.171	ND	0.141	0.117	82.4	68.7	1	10.0-145			18.1	37
Chlorobenzene	0.171	ND	0.133	0.128	78.0	74.7	1	10.0-152			4.30	39

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/05/25 17:22 • (MS) R4226429-4 06/05/25 21:01 • (MSD) R4226429-5 06/05/25 21:23

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	0.171	ND	0.132	0.119	77.3	69.6	1	10.0-146			10.5	37
Chloroethane	0.171	ND	0.0440	0.0384	25.8	22.5	1	10.0-146			13.6	40
Chloroform	0.171	0.00390	0.159	0.110	90.5	62.2	1	10.0-146			36.0	37
Chloromethane	0.171	ND	0.163	0.157	95.2	92.0	1	10.0-159			3.42	37
2-Chlorotoluene	0.171	ND	0.131	0.128	76.4	75.0	1	10.0-159			1.90	38
4-Chlorotoluene	0.171	ND	0.123	0.123	72.0	71.8	1	10.0-155			0.222	39
1,2-Dibromo-3-Chloropropane	0.171	ND	0.128	0.0975	74.7	57.0	1	10.0-151			26.8	39
1,2-Dibromoethane	0.171	ND	0.134	0.123	78.6	71.8	1	10.0-148			8.94	34
Dibromomethane	0.171	ND	0.121	0.114	71.0	66.5	1	10.0-147			6.52	35
1,2-Dichlorobenzene	0.171	ND	0.131	0.121	76.8	70.9	1	10.0-155			8.02	37
1,3-Dichlorobenzene	0.171	ND	0.134	0.128	78.4	75.1	1	10.0-153			4.27	38
1,4-Dichlorobenzene	0.171	ND	0.131	0.129	76.7	75.4	1	10.0-151			1.79	38
Dichlorodifluoromethane	0.171	ND	0.139	0.165	81.6	96.8	1	10.0-160			17.0	35
1,1-Dichloroethane	0.171	ND	0.144	0.128	84.0	74.8	1	10.0-147			11.6	37
1,2-Dichloroethane	0.171	ND	0.134	0.106	78.4	61.8	1	10.0-148			23.7	35
1,1-Dichloroethene	0.171	ND	0.176	0.182	103	106	1	10.0-155			3.05	37
cis-1,2-Dichloroethene	0.171	ND	0.144	0.0933	84.0	54.6	1	10.0-149		J3	42.5	37
trans-1,2-Dichloroethene	0.171	ND	0.137	0.144	79.9	84.0	1	10.0-150			4.98	37
1,2-Dichloropropane	0.171	ND	0.141	0.146	82.4	85.6	1	10.0-148			3.81	37
1,1-Dichloropropene	0.171	ND	0.139	0.131	81.6	76.7	1	10.0-153			6.16	35
1,3-Dichloropropane	0.171	ND	0.146	0.136	85.6	79.6	1	10.0-154			7.26	35
cis-1,3-Dichloropropene	0.171	ND	0.130	0.142	76.3	83.2	1	10.0-151			8.63	37
trans-1,3-Dichloropropene	0.171	ND	0.134	0.130	78.2	75.9	1	10.0-148			3.01	37
2,2-Dichloropropane	0.171	ND	0.136	0.0915	79.4	53.5	1	10.0-138		J3	38.9	36
Di-isopropyl ether	0.171	ND	0.172	0.144	101	84.0	1	10.0-147			18.2	36
Ethylbenzene	0.171	ND	0.124	0.115	72.4	67.4	1	10.0-160			7.09	38
Hexachloro-1,3-butadiene	0.171	ND	0.148	0.145	86.4	84.8	1	10.0-160			1.87	40
Isopropylbenzene	0.171	ND	0.122	0.106	71.2	62.2	1	10.0-155			13.6	38
p-Isopropyltoluene	0.171	ND	0.122	0.108	71.1	63.4	1	10.0-160			11.4	40
2-Butanone (MEK)	0.855	ND	0.429	0.454	50.2	53.1	1	10.0-160			5.57	40
Methylene Chloride	0.171	ND	0.152	0.148	88.8	86.4	1	10.0-141			2.74	37
4-Methyl-2-pentanone (MIBK)	0.855	ND	0.722	0.628	84.5	73.4	1	10.0-160			14.0	35
Methyl tert-butyl ether	0.171	ND	0.132	0.102	77.4	59.8	1	11.0-147			25.7	35
n-Propylbenzene	0.171	ND	0.125	0.123	73.2	71.9	1	10.0-158			1.76	38
Styrene	0.171	ND	0.123	0.109	71.9	63.9	1	10.0-160			11.8	40
1,1,1,2-Tetrachloroethane	0.171	ND	0.120	0.117	70.5	68.5	1	10.0-149			2.88	39
1,1,2,2-Tetrachloroethane	0.171	ND	0.123	0.120	71.7	70.2	1	10.0-160			2.03	35
1,1,2-Trichlorotrifluoroethane	0.171	ND	0.164	0.182	96.0	106	1	10.0-160			10.3	36
Tetrachloroethene	0.171	ND	0.139	0.139	81.6	81.6	1	10.0-156			0.000	39

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/05/25 17:22 • (MS) R4226429-4 06/05/25 21:01 • (MSD) R4226429-5 06/05/25 21:23

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 %
Toluene	0.171	ND	0.132	0.132	77.4	77.2	1	10.0-156			0.310	38
1,2,3-Trichlorobenzene	0.171	ND	0.137	0.115	80.0	67.5	1	10.0-160			16.9	40
1,2,4-Trichlorobenzene	0.171	ND	0.134	0.116	78.6	67.8	1	10.0-160			14.7	40
1,1,1-Trichloroethane	0.171	ND	0.139	0.137	81.6	80.0	1	10.0-144			1.98	35
1,1,2-Trichloroethane	0.171	ND	0.135	0.135	78.7	79.2	1	10.0-160			0.608	35
Trichloroethene	0.171	ND	0.139	0.131	81.6	76.8	1	10.0-156			6.06	38
Trichlorofluoromethane	0.171	ND	0.0552	0.0546	32.3	31.9	1	10.0-160			1.25	40
1,2,3-Trichloropropane	0.171	ND	0.135	0.127	78.9	74.4	1	10.0-156			5.85	35
1,2,3-Trimethylbenzene	0.171	ND	0.117	0.112	68.2	65.4	1	10.0-160			4.07	36
1,2,4-Trimethylbenzene	0.171	ND	0.119	0.109	69.4	63.8	1	10.0-160			8.53	36
1,3,5-Trimethylbenzene	0.171	ND	0.119	0.113	69.5	66.2	1	10.0-160			4.83	38
Vinyl chloride	0.171	ND	0.133	0.134	77.6	78.6	1	10.0-160			1.23	37
Xylenes, Total	0.513	ND	0.373	0.334	72.8	65.1	1	10.0-160			11.2	38
(S) Toluene-d8					*98.3*	*98.9*		*75.0-131*				
(S) 4-Bromofluorobenzene					*101*	*99.4*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*105*	*84.7*		*70.0-130*				

Method Blank (MB)

(MB) R4226822-1 06/06/25 11:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	*52.7*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4226822-2 06/06/25 11:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	36.8	73.6	50.0-150	
(S) o-Terphenyl			*60.8*	*18.0-148*	

L1866141-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-07 06/06/25 14:52 • (MS) R4226822-3 06/06/25 11:41 • (MSD) R4226822-4 06/06/25 11:53

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	56.7	10.7	48.9	51.3	67.4	72.3	1	50.0-150			4.80	20
(S) o-Terphenyl					*52.6*	*50.9*		*18.0-148*				

Method Blank (MB)

(MB) R4226530-1 06/06/25 04:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	*80.8*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4226530-2 06/06/25 04:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	31.0	62.0	50.0-150	
(S) o-Terphenyl			*73.4*	*18.0-148*	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 04:42 • (MS) R4226530-3 06/06/25 04:56 • (MSD) R4226530-4 06/06/25 05:11

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	13.8	32.1	38.8	31.4	42.4	1	50.0-150	J6	J6	19.0	20
(S) o-Terphenyl					*50.6*	*34.0*		*18.0-148*				

Method Blank (MB)

(MB) R4226405-2 06/05/25 23:21

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

Method Blank (MB)

(MB) R4226405-2 06/05/25 23:21

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	*76.6*			*12.0-120*
(S) Phenol-d5	*63.8*			*10.0-120*
(S) Nitrobenzene-d5	*63.7*			*10.0-122*
(S) 2-Fluorobiphenyl	*69.4*			*15.0-120*
(S) 2,4,6-Tribromophenol	*76.9*			*10.0-127*
(S) p-Terphenyl-d14	*73.6*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4226405-1 06/05/25 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	0.666	0.547	82.1	40.0-120	
Benzidine	1.33	U	0.000	10.0-120	J4
Benzo(g,h,i)perylene	0.666	0.507	76.1	43.0-120	
Bis(2-chlorethoxy)methane	0.666	0.403	60.5	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.489	73.4	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.288	43.2	23.0-120	
4-Bromophenyl-phenylether	0.666	0.600	90.1	40.0-120	
2-Chloronaphthalene	0.666	0.466	70.0	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.540	81.1	40.0-120	
1,2-Dichlorobenzene	0.666	0.444	66.7	32.0-120	
1,3-Dichlorobenzene	0.666	0.436	65.5	30.0-120	
1,4-Dichlorobenzene	0.666	0.444	66.7	31.0-120	
3,3-Dichlorobenzidine	1.33	1.25	94.0	28.0-120	
2,4-Dinitrotoluene	0.666	0.529	79.4	45.0-120	
2,6-Dinitrotoluene	0.666	0.525	78.8	42.0-120	
Hexachlorobenzene	0.666	0.547	82.1	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.493	74.0	15.0-120	
Hexachlorocyclopentadiene	0.666	0.279	41.9	15.0-120	
Hexachloroethane	0.666	0.433	65.0	17.0-120	
Isophorone	0.666	0.399	59.9	23.0-120	
Nitrobenzene	0.666	0.382	57.4	17.0-120	
n-Nitrosodimethylamine	0.666	0.564	84.7	10.0-125	
n-Nitrosodiphenylamine	0.666	0.488	73.3	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.446	67.0	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4226405-1 06/05/25 22:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	0.666	0.478	71.8	42.0-120	
Benzylbutyl phthalate	0.666	0.534	80.2	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.527	79.1	41.0-120	
Di-n-butyl phthalate	0.666	0.501	75.2	43.0-120	
Diethyl phthalate	0.666	0.529	79.4	43.0-120	
Dimethyl phthalate	0.666	0.556	83.5	43.0-120	
Di-n-octyl phthalate	0.666	0.554	83.2	40.0-120	
1,2,4-Trichlorobenzene	0.666	0.473	71.0	17.0-120	
4-Chloro-3-methylphenol	0.666	0.437	65.6	28.0-120	
2-Chlorophenol	0.666	0.454	68.2	28.0-120	
2,4-Dichlorophenol	0.666	0.486	73.0	25.0-120	
2,4-Dimethylphenol	0.666	0.376	56.5	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.488	73.3	16.0-120	
2,4-Dinitrophenol	0.666	0.368	55.3	10.0-120	
2-Nitrophenol	0.666	0.437	65.6	20.0-120	
4-Nitrophenol	0.666	0.458	68.8	27.0-120	
Pentachlorophenol	0.666	0.425	63.8	29.0-120	
Phenol	0.666	0.454	68.2	28.0-120	
2,4,6-Trichlorophenol	0.666	0.570	85.6	37.0-120	
(S) 2-Fluorophenol			*93.2*	*12.0-120*	
(S) Phenol-d5			*75.8*	*10.0-120*	
(S) Nitrobenzene-d5			*55.3*	*10.0-122*	
(S) 2-Fluorobiphenyl			*73.9*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*92.5*	*10.0-127*	
(S) p-Terphenyl-d14			*81.1*	*10.0-120*	

L1866141-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-05 06/06/25 01:53 • (MS) R4226405-3 06/06/25 02:15 • (MSD) R4226405-4 06/06/25 02:37

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 %
Acenaphthylene	0.764	ND	0.253	0.275	33.1	35.7	1	25.0-120			8.35	32
Benzidine	1.53	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Benzo(g,h,i)perylene	0.764	ND	0.251	0.264	32.8	34.2	1	10.0-120			4.97	33
Bis(2-chlorethoxy)methane	0.764	ND	ND	ND	23.1	24.2	1	10.0-120			5.75	34
Bis(2-chloroethyl)ether	0.764	ND	ND	ND	22.0	26.2	1	10.0-120			18.2	40
2,2-Oxybis(1-Chloropropane)	0.764	ND	ND	ND	14.7	16.3	1	10.0-120			10.9	40
4-Bromophenyl-phenylether	0.764	ND	ND	ND	39.5	41.1	1	27.0-120			4.88	30
2-Chloronaphthalene	0.764	ND	0.211	0.225	27.7	29.2	1	20.0-120			6.38	32

L1866141-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-05 06/06/25 01:53 • (MS) R4226405-3 06/06/25 02:15 • (MSD) R4226405-4 06/06/25 02:37

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	0.764	ND	ND	ND	39.5	41.6	1	24.0-120			5.97	29
1,2-Dichlorobenzene	0.764	ND	ND	ND	22.2	24.4	1	10.0-120			10.4	38
1,3-Dichlorobenzene	0.764	ND	ND	ND	21.7	24.2	1	10.0-120			11.8	40
1,4-Dichlorobenzene	0.764	ND	ND	ND	22.3	25.0	1	10.0-120			12.1	39
3,3-Dichlorobenzidine	1.53	ND	0.535	0.531	34.9	34.4	1	10.0-120			0.871	34
2,4-Dinitrotoluene	0.764	ND	ND	ND	38.0	38.9	1	30.0-120			3.15	31
2,6-Dinitrotoluene	0.764	ND	ND	ND	36.6	38.4	1	25.0-120			5.65	31
Hexachlorobenzene	0.764	ND	ND	ND	37.2	38.9	1	27.0-120			5.17	28
Hexachloro-1,3-butadiene	0.764	ND	ND	ND	27.4	32.7	1	10.0-120			18.6	38
Hexachlorocyclopentadiene	0.764	ND	ND	ND	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Hexachloroethane	0.764	ND	ND	ND	20.4	23.5	1	10.0-120			15.2	40
Isophorone	0.764	ND	ND	ND	22.6	24.8	1	13.0-120			10.2	34
Nitrobenzene	0.764	ND	ND	ND	21.9	23.6	1	10.0-120			8.64	36
n-Nitrosodimethylamine	0.764	ND	ND	ND	20.8	23.3	1	10.0-127			12.3	40
n-Nitrosodiphenylamine	0.764	ND	ND	ND	41.2	41.6	1	17.0-120			1.83	29
n-Nitrosodi-n-propylamine	0.764	ND	ND	ND	22.5	26.5	1	10.0-120			17.3	37
Phenanthrene	0.764	ND	0.253	0.267	33.1	34.6	1	17.0-120			5.36	31
Benzylbutyl phthalate	0.764	ND	ND	ND	37.4	39.3	1	23.0-120			5.92	30
Bis(2-ethylhexyl)phthalate	0.764	ND	ND	ND	37.8	38.4	1	17.0-126			2.38	30
Di-n-butyl phthalate	0.764	ND	ND	ND	36.8	37.0	1	30.0-120			1.64	29
Diethyl phthalate	0.764	ND	ND	ND	41.0	42.5	1	26.0-120			4.35	28
Dimethyl phthalate	0.764	ND	ND	ND	36.2	37.7	1	25.0-120			4.92	29
Di-n-octyl phthalate	0.764	ND	ND	ND	46.4	46.7	1	21.0-123			1.63	29
1,2,4-Trichlorobenzene	0.764	ND	ND	ND	28.4	30.1	1	12.0-120			6.72	37
4-Chloro-3-methylphenol	0.764	ND	ND	ND	32.8	33.9	1	15.0-120			4.08	30
2-Chlorophenol	0.764	ND	ND	ND	22.0	24.5	1	15.0-120			11.7	37
2,4-Dichlorophenol	0.764	ND	ND	ND	30.5	30.4	1	20.0-120			0.496	31
2,4-Dimethylphenol	0.764	ND	ND	ND	23.3	27.1	1	10.0-120			16.2	33
4,6-Dinitro-2-methylphenol	0.764	ND	ND	ND	27.2	30.4	1	10.0-120			12.1	39
2,4-Dinitrophenol	0.764	ND	ND	ND	30.4	31.6	1	10.0-121			4.88	40
2-Nitrophenol	0.764	ND	ND	ND	26.4	28.2	1	12.0-120			7.20	39
4-Nitrophenol	0.764	ND	ND	ND	34.5	33.9	1	10.0-137			0.885	32
Pentachlorophenol	0.764	ND	ND	ND	32.7	34.0	1	10.0-160			4.99	31
Phenol	0.764	ND	ND	ND	23.7	26.1	1	12.0-120			10.3	38
2,4,6-Trichlorophenol	0.764	ND	ND	ND	36.5	39.9	1	19.0-120			9.90	32
(S) 2-Fluorophenol					*27.4*	*30.6*		*12.0-120*				
(S) Phenol-d5					*25.4*	*26.8*		*10.0-120*				
(S) Nitrobenzene-d5					*22.4*	*21.4*		*10.0-122*				
(S) 2-Fluorobiphenyl					*28.9*	*30.4*		*15.0-120*				

L1866141-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-05 06/06/25 01:53 • (MS) R4226405-3 06/06/25 02:15 • (MSD) R4226405-4 06/06/25 02:37

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 %
(S) 2,4,6-Tribromophenol					*40.7*	*41.6*		*10.0-127*				
(S) p-Terphenyl-d14					*39.5*	*36.7*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

Method Blank (MB)

(MB) R4226419-2 06/05/25 21:15

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

Method Blank (MB)

(MB) R4226419-2 06/05/25 21:15

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	*86.8*			*12.0-120*
(S) Phenol-d5	*82.9*			*10.0-120*
(S) Nitrobenzene-d5	*85.0*			*10.0-122*
(S) 2-Fluorobiphenyl	*79.6*			*15.0-120*
(S) 2,4,6-Tribromophenol	*84.4*			*10.0-127*
(S) p-Terphenyl-d14	*87.1*			*10.0-120*

Laboratory Control Sample (LCS)

(LCS) R4226419-1 06/05/25 20:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	0.666	0.501	75.2	40.0-120	
Benzidine	1.33	U	0.000	10.0-120	J4
Benzo(g,h,i)perylene	0.666	0.522	78.4	43.0-120	
Bis(2-chlorethoxy)methane	0.666	0.348	52.3	20.0-120	
Bis(2-chloroethyl)ether	0.666	0.366	55.0	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.421	63.2	23.0-120	
4-Bromophenyl-phenylether	0.666	0.498	74.8	40.0-120	
2-Chloronaphthalene	0.666	0.424	63.7	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.466	70.0	40.0-120	
1,2-Dichlorobenzene	0.666	0.376	56.5	32.0-120	
1,3-Dichlorobenzene	0.666	0.360	54.1	30.0-120	
1,4-Dichlorobenzene	0.666	0.389	58.4	31.0-120	
3,3-Dichlorobenzidine	1.33	1.02	76.7	28.0-120	
2,4-Dinitrotoluene	0.666	0.514	77.2	45.0-120	
2,6-Dinitrotoluene	0.666	0.466	70.0	42.0-120	
Hexachlorobenzene	0.666	0.461	69.2	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.316	47.4	15.0-120	
Hexachlorocyclopentadiene	0.666	0.247	37.1	15.0-120	
Hexachloroethane	0.666	0.387	58.1	17.0-120	
Isophorone	0.666	0.383	57.5	23.0-120	
Nitrobenzene	0.666	0.359	53.9	17.0-120	
n-Nitrosodimethylamine	0.666	0.500	75.1	10.0-125	
n-Nitrosodiphenylamine	0.666	0.476	71.5	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.461	69.2	26.0-120	

Laboratory Control Sample (LCS)

(LCS) R4226419-1 06/05/25 20:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	0.666	0.462	69.4	42.0-120	
Benzylbutyl phthalate	0.666	0.490	73.6	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.541	81.2	41.0-120	
Di-n-butyl phthalate	0.666	0.519	77.9	43.0-120	
Diethyl phthalate	0.666	0.525	78.8	43.0-120	
Dimethyl phthalate	0.666	0.507	76.1	43.0-120	
Di-n-octyl phthalate	0.666	0.489	73.4	40.0-120	
1,2,4-Trichlorobenzene	0.666	0.341	51.2	17.0-120	
4-Chloro-3-methylphenol	0.666	0.395	59.3	28.0-120	
2-Chlorophenol	0.666	0.387	58.1	28.0-120	
2,4-Dichlorophenol	0.666	0.375	56.3	25.0-120	
2,4-Dimethylphenol	0.666	0.364	54.7	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.435	65.3	16.0-120	
2,4-Dinitrophenol	0.666	0.363	54.5	10.0-120	
2-Nitrophenol	0.666	0.392	58.9	20.0-120	
4-Nitrophenol	0.666	0.498	74.8	27.0-120	
Pentachlorophenol	0.666	0.373	56.0	29.0-120	
Phenol	0.666	0.408	61.3	28.0-120	
2,4,6-Trichlorophenol	0.666	0.456	68.5	37.0-120	
(S) 2-Fluorophenol			*70.0*	*12.0-120*	
(S) Phenol-d5			*67.7*	*10.0-120*	
(S) Nitrobenzene-d5			*58.0*	*10.0-122*	
(S) 2-Fluorobiphenyl			*66.1*	*15.0-120*	
(S) 2,4,6-Tribromophenol			*82.0*	*10.0-127*	
(S) p-Terphenyl-d14			*71.8*	*10.0-120*	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 00:25 • (MS) R4226419-3 06/06/25 00:46 • (MSD) R4226419-4 06/06/25 01:08

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 %
Acenaphthylene	0.781	ND	0.586	0.527	75.0	67.2	2	25.0-120			10.6	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	0.781	ND	0.328	0.247	42.0	31.6	2	10.0-120			28.0	33
Bis(2-chlorethoxy)methane	0.781	ND	ND	ND	54.5	51.5	2	10.0-120			5.42	34
Bis(2-chloroethyl)ether	0.781	ND	ND	ND	60.5	53.3	2	10.0-120			12.2	40
2,2-Oxybis(1-Chloropropane)	0.781	ND	ND	ND	56.5	56.0	2	10.0-120			0.538	40
4-Bromophenyl-phenylether	0.781	ND	ND	ND	75.9	64.5	2	27.0-120			15.9	30
2-Chloronaphthalene	0.781	ND	0.503	0.456	64.4	58.2	2	20.0-120			9.88	32

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 00:25 • (MS) R4226419-3 06/06/25 00:46 • (MSD) R4226419-4 06/06/25 01:08

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	0.781	ND	ND	ND	73.3	63.1	2	24.0-120			14.6	29
1,2-Dichlorobenzene	0.781	ND	ND	ND	57.1	55.0	2	10.0-120			3.51	38
1,3-Dichlorobenzene	0.781	ND	ND	ND	54.1	52.1	2	10.0-120			3.42	40
1,4-Dichlorobenzene	0.781	ND	ND	ND	57.3	55.6	2	10.0-120			2.68	39
3,3-Dichlorobenzidine	1.56	ND	ND	ND	41.8	35.1	2	10.0-120			17.5	34
2,4-Dinitrotoluene	0.781	ND	ND	ND	77.3	61.0	2	30.0-120			23.2	31
2,6-Dinitrotoluene	0.781	ND	ND	ND	68.3	59.1	2	25.0-120			14.3	31
Hexachlorobenzene	0.781	ND	ND	ND	69.2	58.6	2	27.0-120			16.3	28
Hexachloro-1,3-butadiene	0.781	ND	ND	ND	54.5	54.1	2	10.0-120			0.557	38
Hexachlorocyclopentadiene	0.781	ND	ND	ND	0.000	0.000	2	10.0-120	J6	J6	0.000	40
Hexachloroethane	0.781	ND	ND	ND	28.0	23.0	2	10.0-120			19.6	40
Isophorone	0.781	ND	ND	ND	58.5	55.4	2	13.0-120			5.05	34
Nitrobenzene	0.781	ND	ND	ND	55.9	54.2	2	10.0-120			2.75	36
n-Nitrosodimethylamine	0.781	ND	ND	ND	50.0	50.0	2	10.0-127			0.303	40
n-Nitrosodiphenylamine	0.781	ND	ND	ND	71.2	58.6	2	17.0-120			19.1	29
n-Nitrosodi-n-propylamine	0.781	ND	ND	ND	65.5	62.5	2	10.0-120			4.26	37
Phenanthrene	0.781	ND	0.544	0.445	69.7	56.8	2	17.0-120			20.1	31
Benzylbutyl phthalate	0.781	ND	ND	ND	77.4	61.5	2	23.0-120			22.7	30
Bis(2-ethylhexyl)phthalate	0.781	ND	ND	ND	83.5	66.9	2	17.0-126			21.7	30
Di-n-butyl phthalate	0.781	ND	ND	ND	78.3	62.5	2	30.0-120			22.1	29
Diethyl phthalate	0.781	ND	ND	ND	78.8	64.8	2	26.0-120			19.2	28
Dimethyl phthalate	0.781	ND	ND	ND	74.1	63.0	2	25.0-120			15.9	29
Di-n-octyl phthalate	0.781	ND	ND	ND	84.4	65.7	2	21.0-123			24.6	29
1,2,4-Trichlorobenzene	0.781	ND	ND	ND	57.7	55.7	2	12.0-120			3.20	37
4-Chloro-3-methylphenol	0.781	ND	ND	ND	67.3	53.8	2	15.0-120			22.0	30
2-Chlorophenol	0.781	ND	ND	ND	60.2	55.7	2	15.0-120			7.31	37
2,4-Dichlorophenol	0.781	ND	ND	ND	66.8	57.7	2	20.0-120			14.3	31
2,4-Dimethylphenol	0.781	ND	ND	ND	60.2	51.4	2	10.0-120			15.5	33
4,6-Dinitro-2-methylphenol	0.781	ND	ND	ND	55.3	45.5	2	10.0-120			19.2	39
2,4-Dinitrophenol	0.781	ND	ND	ND	60.5	56.9	2	10.0-121			5.67	40
2-Nitrophenol	0.781	ND	ND	ND	68.2	66.2	2	12.0-120			2.70	39
4-Nitrophenol	0.781	ND	ND	ND	86.5	66.5	2	10.0-137			25.9	32
Pentachlorophenol	0.781	ND	ND	ND	63.9	52.0	2	10.0-160			20.4	31
Phenol	0.781	ND	ND	ND	62.7	55.1	2	12.0-120			12.6	38
2,4,6-Trichlorophenol	0.781	ND	ND	ND	73.6	60.3	2	19.0-120			19.7	32
(S) 2-Fluorophenol					*71.0*	*64.8*		*12.0-120*				
(S) Phenol-d5					*69.0*	*58.2*		*10.0-120*				
(S) Nitrobenzene-d5					*61.8*	*58.3*		*10.0-122*				
(S) 2-Fluorobiphenyl					*66.4*	*60.7*		*15.0-120*				

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 00:25 • (MS) R4226419-3 06/06/25 00:46 • (MSD) R4226419-4 06/06/25 01:08

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 %
(S) 2,4,6-Tribromophenol					*88.8*	*70.0*		*10.0-127*				
(S) p-Terphenyl-d14					*74.8*	*58.0*		*10.0-120*				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

Method Blank (MB)

(MB) R4226407-2 06/05/25 22:05

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	*104*			*23.0-120*
(S) Nitrobenzene-d5	*88.1*			*14.0-149*
(S) 2-Fluorobiphenyl	*99.3*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4226407-1 06/05/25 21:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0849	106	50.0-126	
Acenaphthene	0.0800	0.0759	94.9	50.0-120	
Acenaphthylene	0.0800	0.0823	103	50.0-120	
Benzo(a)anthracene	0.0800	0.0862	108	45.0-120	
Benzo(a)pyrene	0.0800	0.0699	87.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0782	97.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0786	98.2	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0791	98.9	49.0-125	
Chrysene	0.0800	0.0843	105	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0816	102	47.0-125	
Fluoranthene	0.0800	0.0893	112	49.0-129	
Fluorene	0.0800	0.0862	108	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4226407-1 06/05/25 21:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0821	103	46.0-125	
Naphthalene	0.0800	0.0772	96.5	50.0-120	
Phenanthrene	0.0800	0.0834	104	47.0-120	
Pyrene	0.0800	0.0806	101	43.0-123	
1-Methylnaphthalene	0.0800	0.0812	102	51.0-121	
2-Methylnaphthalene	0.0800	0.0798	99.8	50.0-120	
(S) p-Terphenyl-d14			*106*	*23.0-120*	
(S) Nitrobenzene-d5			*92.7*	*14.0-149*	
(S) 2-Fluorobiphenyl			*96.8*	*34.0-125*	

L1866141-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866141-01 06/05/25 22:58 • (MS) R4226407-3 06/05/25 23:15 • (MSD) R4226407-4 06/05/25 23:33

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	0.0855	ND	0.0906	0.0850	106	98.9	1	10.0-145			6.43	30
Acenaphthene	0.0855	ND	0.0794	0.0765	92.9	89.0	1	14.0-127			3.76	27
Acenaphthylene	0.0855	ND	0.0864	0.0837	101	97.3	1	21.0-124			3.19	25
Benzo(a)anthracene	0.0855	0.0113	0.0928	0.0868	95.3	87.9	1	10.0-139			6.65	30
Benzo(a)pyrene	0.0855	ND	0.0891	0.0838	104	97.5	1	10.0-141			6.15	31
Benzo(b)fluoranthene	0.0855	ND	0.0883	0.0837	103	97.3	1	10.0-140			5.43	36
Benzo(g,h,i)perylene	0.0855	ND	0.0863	0.0806	101	93.8	1	10.0-140			6.76	33
Benzo(k)fluoranthene	0.0855	ND	0.0855	0.0807	100	93.9	1	10.0-137			5.74	31
Chrysene	0.0855	ND	0.0938	0.0902	110	105	1	10.0-145			3.89	30
Dibenz(a,h)anthracene	0.0855	ND	0.0877	0.0812	103	94.4	1	10.0-132			7.71	31
Fluoranthene	0.0855	ND	0.0977	0.0933	114	109	1	10.0-153			4.55	33
Fluorene	0.0855	ND	0.0895	0.0846	105	98.5	1	11.0-130			5.61	29
Indeno(1,2,3-cd)pyrene	0.0855	ND	0.0867	0.0817	101	95.1	1	10.0-137			5.93	32
Naphthalene	0.0855	ND	0.0803	0.0769	93.9	89.5	1	10.0-135			4.28	27
Phenanthrene	0.0855	ND	0.0893	0.0865	104	101	1	10.0-144			3.21	31
Pyrene	0.0855	ND	0.0855	0.0826	100	96.1	1	10.0-148			3.49	35
1-Methylnaphthalene	0.0855	ND	0.0844	0.0812	98.7	94.4	1	10.0-142			3.93	28
2-Methylnaphthalene	0.0855	ND	0.0828	0.0793	96.8	92.3	1	10.0-137			4.28	28
(S) p-Terphenyl-d14					*99.4*	*93.6*		*23.0-120*				
(S) Nitrobenzene-d5					*94.2*	*93.2*		*14.0-149*				
(S) 2-Fluorobiphenyl					*98.9*	*95.9*		*34.0-125*				

Method Blank (MB)

(MB) R4226402-2 06/06/25 02:11

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	*102*			*23.0-120*
(S) Nitrobenzene-d5	*95.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*94.7*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4226402-1 06/06/25 01:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0606	75.8	50.0-126	
Acenaphthene	0.0800	0.0609	76.1	50.0-120	
Acenaphthylene	0.0800	0.0589	73.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0616	77.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0605	75.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0740	92.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0759	94.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0713	89.1	49.0-125	
Chrysene	0.0800	0.0706	88.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0751	93.9	47.0-125	
Fluoranthene	0.0800	0.0663	82.9	49.0-129	
Fluorene	0.0800	0.0679	84.9	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4226402-1 06/06/25 01:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0672	84.0	46.0-125	
Naphthalene	0.0800	0.0641	80.1	50.0-120	
Phenanthrene	0.0800	0.0674	84.3	47.0-120	
Pyrene	0.0800	0.0705	88.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0662	82.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0637	79.6	50.0-120	
(S) p-Terphenyl-d14			*98.3*	*23.0-120*	
(S) Nitrobenzene-d5			*87.3*	*14.0-149*	
(S) 2-Fluorobiphenyl			*89.0*	*34.0-125*	

L1866147-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866147-19 06/06/25 04:53 • (MS) R4226402-3 06/06/25 05:11 • (MSD) R4226402-4 06/06/25 05:29

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	0.0918	ND	0.0647	0.0818	70.5	89.0	1	10.0-145			23.3	30
Acenaphthene	0.0918	ND	0.0588	0.0730	64.0	79.5	1	14.0-127			21.5	27
Acenaphthylene	0.0918	ND	0.0611	0.0769	66.5	83.8	1	21.0-124			23.0	25
Benzo(a)anthracene	0.0918	ND	0.0681	0.0844	74.1	91.9	1	10.0-139			21.4	30
Benzo(a)pyrene	0.0918	ND	0.0658	0.0819	71.6	89.2	1	10.0-141			21.8	31
Benzo(b)fluoranthene	0.0918	ND	0.0660	0.0800	71.9	87.1	1	10.0-140			19.1	36
Benzo(g,h,i)perylene	0.0918	ND	0.0671	0.0813	73.1	88.5	1	10.0-140			19.1	33
Benzo(k)fluoranthene	0.0918	ND	0.0600	0.0749	65.3	81.6	1	10.0-137			22.1	31
Chrysene	0.0918	ND	0.0691	0.0836	75.3	91.0	1	10.0-145			18.9	30
Dibenz(a,h)anthracene	0.0918	ND	0.0705	0.0862	76.8	93.8	1	10.0-132			19.9	31
Fluoranthene	0.0918	ND	0.0696	0.0856	75.8	93.2	1	10.0-153			20.6	33
Fluorene	0.0918	ND	0.0665	0.0827	72.4	90.1	1	11.0-130			21.7	29
Indeno(1,2,3-cd)pyrene	0.0918	ND	0.0730	0.0890	79.5	96.9	1	10.0-137			19.7	32
Naphthalene	0.0918	ND	0.0621	0.0772	67.7	84.0	1	10.0-135			21.6	27
Phenanthrene	0.0918	ND	0.0650	0.0808	70.7	88.0	1	10.0-144			21.8	31
Pyrene	0.0918	ND	0.0670	0.0821	72.9	89.4	1	10.0-148			20.3	35
1-Methylnaphthalene	0.0918	ND	0.0645	0.0800	70.2	87.1	1	10.0-142			21.5	28
2-Methylnaphthalene	0.0918	ND	0.0626	0.0780	68.2	84.9	1	10.0-137			21.9	28
(S) p-Terphenyl-d14					*78.5*	*84.7*		*23.0-120*				
(S) Nitrobenzene-d5					*84.1*	*92.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*74.9*	*81.6*		*34.0-125*				

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.
C7	The initial calibration verification standard (SSCV) associated with this data responded high.
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.

GLOSSARY OF TERMS

Qualifier	Description
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
U	Below Detectable Limits: Indicates that the analyte was not detected.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

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Multi

Sample Receipt Checklist

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

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; tmcmullin@cteh.com; ahenault@cteh.com

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop LOC

Invoice E-mail: ctehap@montrose-env.com

Site Collection Info/Facility ID (as applicable): Galeton, CO

Purchase Order # (if applicable):

Quote #:

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

County / State origin of sample(s): CO

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

Regulatory Program (DW, RCRA, etc.) as applicable:

Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [X] Other 5 Day

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr6 7199	Total N/TKN/NH3/NO3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	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	MS/MSD	Sample Comment
GAC00604T078-1CRC003	SS	G	-	-	6/4/2025	11:45	5	-	-	X	X	X	X	X	X	X	-	-	-01 ; 24
GAC00604T078-1CRS001	SS	G	-	-	6/4/2025	11:00	5	-	-	X	X	X	X	X	X	X	-	-	-02 ; 25
GAC00604T078-1CRS002	SS	G	-	-	6/4/2025	11:30	5	-	-	X	X	X	X	X	X	X	-	-	TF -03 ; 26
GAC00604T078-1CRS003	SS	G	-	-	6/4/2025	11:45	5	-	-	X	X	X	X	X	X	X	-	-	-04 ; 27
GAC00604T078-1CRT001	OT	-	-	-	6/4/2025	7:00	2	-	-	-	-	-	-	-	-	-	X	-	-05 ; 28 HR 6/5/25

TF

Specify Container Size **

8oz	8oz	8oz	8oz	8oz	8oz	10	6	8oz
Identify Container Preservative Type***								
1	1	1	1	1	1	1	4	1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: 546-Jared Starkey

AcctNum / Client ID: CTEHER

Table #:

Profile / Template: T275920

Prelog / Bottle Ord. ID: P1156679

K054

LR26147

Preservation non-conformance identified for

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, Tl, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn

Collected By: Printed Name: Tristan Fontenot

Signature: T. Fontenot

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
T. Fontenot / CE3	06/04/25 1430	PACE	06/04/25 1430
		Evelyn Rogers	6/5/25 0800

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GAC00604T078-1CRS

Pace® Location Requested (City/State):

Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

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; tmcmullin@cteh.com; ahenault@cteh.com

Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com

Customer Project #: PROJ-054017

Invoice to: CTEH

Project Name: Bishop LOC

Invoice E-mail: ctehap@montrose-env.com

Site Collection Info/Facility ID (as applicable): Galeton, CO

Purchase Order # (if applicable):

Quote #:

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

County / State origin of sample(s): CO

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

Regulatory Program (DW, RCRA, etc.) as applicable:

Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [X] Other 5 Day

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

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

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr6 7199	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	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	MS/MSD	Sample Comment
										8oz 1	8oz 1	8oz 1	8oz 1	8oz 1	8oz 1	10 1	6 4	8oz 1	
GAC00604T078-1CRS004	SS	G	-	-	6/4/2025	12:05	5	-	-	X	X	X	X	X	X	X	-	-	-06, 28
GAC00604T078-1CRS005	SS	G	-	-	6/4/2025	12:25	5	-	-	X	X	X	X	X	X	X	-	-	-07, 29
GAC00604T078-1CRS006	SS	G	-	-	6/4/2025	10:40	5	-	-	X	X	X	X	X	X	X	-	-	TF -08, 30
GAC00604T078-1CRT004	OT	-	-	-	6/4/2025	7:00	2	-	-	-	-	-	-	-	-	-	X	-	-09

TF

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: 546-Jared Starkey

AcctNum / Client ID: CTEHER

Table #: U606147

Profile / Template: T275920

Prelog / Bottle Ord. ID: P1156679

Preservation non-conformance identified for sample.

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, Tl, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn

Collected By: Printed Name: Tristen Fontenot Signature:

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	06/04/25 1430	PACE	06/04/25 1430	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Eastern Origin	Date/Time: 6/5/25 0800	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 4

GAC00604T078-1CRS

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: CTEH, LLC
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118
Customer Project #: PROJ-054017
Project Name: Bishop LOC
Site Collection Info/Facility ID (as applicable): Galeton, CO
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET

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; tmcmullin@cteh.com; ahenault@cteh.com
Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Invoice to: CTEH
Invoice E-mail: ctehap@montrose-env.com
Purchase Order # (if applicable):
Quote #:
County / State origin of sample(s): CO

Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [X] Other 5 Day
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

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

Specify Container Size **: 8oz | 8oz | 8oz | 8oz | 8oz | 8oz | 10 | 6
Identify Container Preservative Type***: 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr6 7199	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	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	Sample Comment
GACO0604T078-1CRS012	SS	G	-	-	6/4/2025	1110	5	-	-	X	X	X	X	X	X	X	-	-10,31
GACO0604T078-1CRS013	SS	G	-	-	6/4/2025	1115	5	-	-	X	X	X	X	X	X	X	-	-11,32
GACO0604T078-1CRC013	SS	G	-	-	6/4/2025	1115	5	-	-	X	X	X	X	X	X	X	-	-12,33
GACO0604T078-1CRS014	SS	G	-	-	6/4/2025	1120	5	-	-	X	X	X	X	X	X	X	-	-13,34
GACO0604T078-1CRS015	SS	G	-	-	6/4/2025	1055	5	-	-	X	X	X	X	X	X	X	-	-14,35
GACO0604T078-1CRS016	SS	G	-	-	6/4/2025	1105	5	-	-	X	X	X	X	X	X	X	-	-15,36
GACO0604T078-1CRS017	SS	G	-	-	6/4/2025	1115	5	-	-	X	X	X	X	X	X	X	-	-16,37
GACO0604T078-1CRT003	OT	-	-	-	6/4/2025	0700	2	-	-	-	-	-	-	-	-	-	X	-17

Lab Use Only: Proj. Mgr: 546-Jared Starkey; AcctNum / Client ID: CTEHER; Table #: UST6147; Profile / Template: T275920; Prelog / Bottle Ord. ID: P1156679
Preservation non-conformance identified for sample.

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, Tl, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn

Collected By: Printed Name: Romeo Flores; Signature:

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CTEH	06-4-25 14:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Evelyn Organ	Date/Time: 6/5/25 0800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

GACO0604T078-1CRS

Pace® Location Requested (City/State): Pace National, 12065 Lebanon Road, Mt. Juliet, TN 37122

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: CTEH, LLC	Contact/Report To: Chevron-Bishop, Kyle Lawrence, Tami McMullin, Andy Henault, Eric Catlin, Madelyn Klinkerman
Street Address: 5120 North Shore Drive, North Little Rock, AR 72118	Phone #:
	E-Mail: chevron_bishop@cteh.com; kylelawrence@cteh.com; tmcmullin@cteh.com; ahenault@cteh.com
	Cc E-Mail: ecatlin@cteh.com; mklinkerman@cteh.com
Customer Project #: PROJ-054017	Invoice to: CTEH
Project Name: Bishop LOC	Invoice E-mail: ctehap@montrose-env.com
Site Collection Info/Facility ID (as applicable): Galeton, CO	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [X] MT [ ] CT [ ] ET	County / State origin of sample(s): CO
Data Deliverables: [X] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [X] Other 5 Day
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	VOCs 8260D; TPH-GRO/DRO/ORO 8015D	SVOCs 8270E; PAH 8270E SIM	Metals 6010D, 6020B, Cr6 7199	Total N/TKN/N+N/NH3 EPA 350.1, 351.2, 9056A, SM 4500 Norg	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	MS/MSD
GAC00604T078-1CRS007	SS	G	-	-	6/4/2025	10:55	5	-	-	X	X	X	X	X	X	X	-	-
GAC00604T078-1CRS008	SS	G	-	-	6/4/2025	11:20	~~15~~ 13	-	-	X	X	X	X	X	X	X	-	X
GAC00604T078-1CRS009	SS	G	-	-	6/4/2025	11:50	5	-	-	X	X	X	X	X	X	X	-	-
GAC00604T078-1CRS010	SS	G	-	-	6/4/2025	10:55	5	-	-	X	X	X	X	X	X	X	-	-
GAC00604T078-1CRS011	SS	G	-	-	6/4/2025	11:00	5	-	-	X	X	X	X	X	X	X	-	-
GAC00604T078-1CRT002	OT	-	-	-	6/4/2025	7:00	2	-	-	-	-	-	-	-	-	-	X	-

MWH 06/04/25

Specify Container Size **

8oz	8oz	8oz	8oz	8oz	8oz	10	6	8oz
1	1	1	1	1	1	1	4	1

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: 546-Jared Starkey

AcctNum / Client ID: CTEHER

Table #:

Profile / Template: T275920

Prelog / Bottle Ord. ID: P1156679

Sample Comment

Preservation non-conformance identified for sample.

-18 -38

Volume provided for Matrix Spike/Matrix Spike Duplicate -19 -39

-20 -40

-21 -41

-22 -42

-23

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, Tl, V; Metals by 6020B: As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn

Collected By: Printed Name: Tristan Fontenot Signature: T. Fontenot

Customer Remarks / Special Conditions / Possible Hazards:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
T. Fontenot /ES	06/04/25 1430	PACE	06/04/25 1430
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Eastern Origin	Date/Time: 6/5/25 0800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

GAC00604T078-1CRS

Multiple Parcel Form

L# L1866147

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SW	TLA9	1.9	+0.4	2.3	Yes / No / Not Present
|	TLA8	3.0	|	3.4	Yes / No / Not Present
|	TLA0	3.5	|	3.9	Yes / No / Not Present
|	TLA1	4.7	|	5.1	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Easton Organ
Name

6/5/25
Date