ANALYTICAL REPORT

September 24, 2025

Pace Analytical Services, LLC
2025.09.24 10:23:09 -05'00'
Document is certified

Civitas - CO

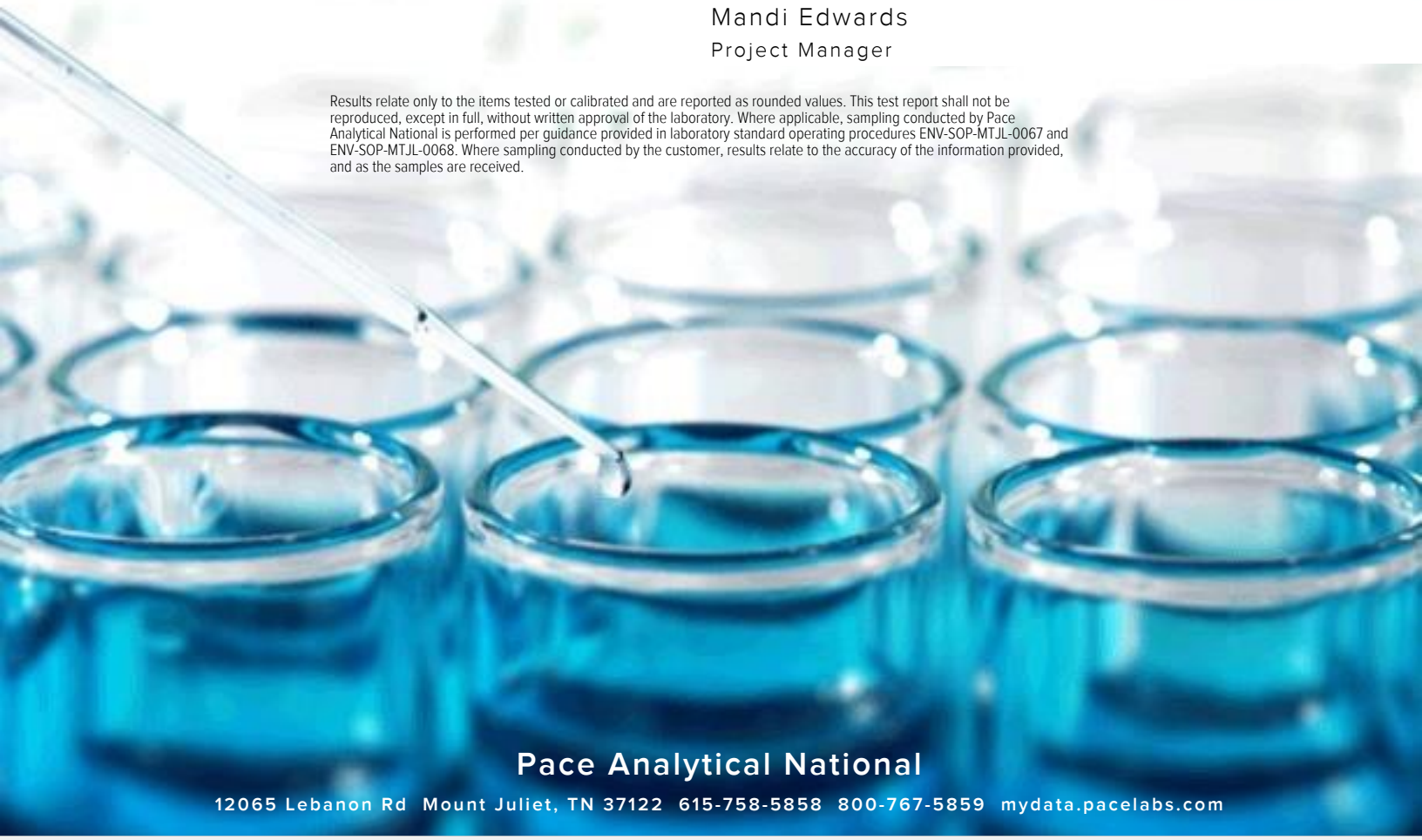
Sample Delivery Group:	L1891933
Samples Received:	08/23/2025
Project Number:	CO045027
Description:	State Seventy Holes P-4

Report To:

Civitas-Tasman
4725 Independence
Suite 100
Wheat Ridge, CO 80033

Entire Report Reviewed By:

Mandi Edwards
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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SEPL-N06@11' L1891933-01

Collected by: BS/BL | Collected date/time: 08/22/25 09:00 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:39	08/31/25 12:39	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:08	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 15:52	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:31	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 11:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/27/25 23:34	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592547	1	09/04/25 06:56	09/04/25 23:07	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 19:24	JRM	Mt. Juliet, TN

SEPL-N07@11' L1891933-02

Collected by: BS/BL | Collected date/time: 08/22/25 09:05 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:40	08/31/25 12:40	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:17	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 15:55	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:34	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 12:10	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/27/25 23:53	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592547	1	09/04/25 06:56	09/05/25 00:46	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 19:42	JRM	Mt. Juliet, TN

SEPL-N08@11' L1891933-03

Collected by: BS/BL | Collected date/time: 08/22/25 09:10 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:42	08/31/25 12:42	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:26	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 15:58	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:37	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 12:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 00:12	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 14:13	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 19:59	JRM	Mt. Juliet, TN

SEPL-N09@5' L1891933-04

Collected by: BS/BL | Collected date/time: 08/22/25 09:15 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:44	08/31/25 12:44	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:35	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:02	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 12:53	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 00:31	JHH	Mt. Juliet, TN

SEPL-N09@5' L1891933-04

Collected by: BS/BL | Collected date/time: 08/22/25 09:15 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 14:13	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 20:17	JRM	Mt. Juliet, TN

SEPL-S06@7' L1891933-05

Collected by: BS/BL | Collected date/time: 08/22/25 09:20 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:46	08/31/25 12:46	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:44	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:05	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:51	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 13:16	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 00:50	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:45	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 20:35	JRM	Mt. Juliet, TN

SEPL-S07@7' L1891933-06

Collected by: BS/BL | Collected date/time: 08/22/25 09:25 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:47	08/31/25 12:47	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 22:53	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:14	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 13:39	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 01:09	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 11:34	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 20:52	JRM	Mt. Juliet, TN

SEPL-S08@7' L1891933-07

Collected by: BS/BL | Collected date/time: 08/22/25 09:30 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:49	08/31/25 12:49	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 23:02	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:17	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:58	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 14:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 01:27	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:21	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592500	1	09/03/25 09:20	09/03/25 21:10	JRM	Mt. Juliet, TN

SEPL-S09@3' L1891933-08

Collected by: BS/BL | Collected date/time: 08/22/25 09:35 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:54	08/31/25 12:54	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 23:38	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:20	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 22:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 14:22	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 01:46	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:02	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592501	1	09/03/25 09:22	09/04/25 05:49	MBE	Mt. Juliet, TN

SEPL-E02@3' L1891933-09

Collected by: BS/BL | Collected date/time: 08/22/25 09:40 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:56	08/31/25 12:56	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 23:47	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591619	1	08/31/25 07:18	09/01/25 19:20	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591620	1	08/31/25 07:20	09/01/25 22:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:23	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:01	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 14:45	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 02:05	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:21	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 09:32	CMF	Mt. Juliet, TN

SEPL-E03@7' L1891933-10

Collected by: BS/BL | Collected date/time: 08/22/25 09:45 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:58	08/31/25 12:58	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/20/25 23:55	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591613	1	08/31/25 07:04	09/02/25 13:27	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591618	1	08/31/25 07:09	09/02/25 22:20	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:27	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:05	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 15:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 02:24	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:35	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 08:55	CMF	Mt. Juliet, TN

SEPL-W02@7' L1891933-11

Collected by: BS/BL | Collected date/time: 08/22/25 09:50 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:59	08/31/25 12:59	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:04	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591619	1	08/31/25 07:18	09/01/25 19:20	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591620	1	08/31/25 07:20	09/01/25 22:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:30	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:08	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 15:28	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 02:43	JHH	Mt. Juliet, TN

SEPL-W02@7' L1891933-11

Collected by: BS/BL | Collected date/time: 08/22/25 09:50 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:35	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 09:14	CMF	Mt. Juliet, TN

SEPL-W03@7' L1891933-12

Collected by: BS/BL | Collected date/time: 08/22/25 09:55 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:01	08/31/25 13:01	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:13	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:33	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 15:50	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 03:02	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:49	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 10:29	CMF	Mt. Juliet, TN

SEPL-B05@12' L1891933-13

Collected by: BS/BL | Collected date/time: 08/22/25 10:00 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:03	08/31/25 13:03	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:22	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:36	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:15	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 16:12	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589206	1	08/27/25 13:01	08/28/25 03:21	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 12:49	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 10:48	CMF	Mt. Juliet, TN

SEPL-B06@8' L1891933-14

Collected by: BS/BL | Collected date/time: 08/22/25 10:05 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:04	08/31/25 13:04	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:31	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:39	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:18	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 16:33	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 21:37	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:03	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 05:14	CMF	Mt. Juliet, TN

SEPL-B07@12' L1891933-15

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 10:10	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:06	08/31/25 13:06	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:49	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:42	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:30	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 16:55	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 21:56	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:03	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 04:57	CMF	Mt. Juliet, TN

SEPL-B08@8' L1891933-16

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 10:15	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:08	08/31/25 13:08	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 00:58	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:52	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 17:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 22:15	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:17	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 04:05	CMF	Mt. Juliet, TN

SEPL-B09@6' L1891933-17

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 10:20	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 13:09	08/31/25 13:09	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 02:00	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:55	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:37	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 17:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 22:34	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:17	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 03:48	CMF	Mt. Juliet, TN

OL-B07@10' L1891933-18

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 11:00	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591390	1	08/31/25 12:28	08/31/25 12:28	NMM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 02:09	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591401	1	09/04/25 11:07	09/04/25 16:58	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:40	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 18:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 22:53	DWR	Mt. Juliet, TN

OL-B07@10' L1891933-18

Collected by: BS/BL | Collected date/time: 08/22/25 11:00 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:31	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 03:30	CMF	Mt. Juliet, TN

OL-B08@11' L1891933-19

Collected by: BS/BL | Collected date/time: 08/22/25 11:05 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:26	08/31/25 12:26	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 02:18	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:26	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 18:21	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 23:12	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:31	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 03:13	CMF	Mt. Juliet, TN

OL-B09@8' L1891933-20

Collected by: BS/BL | Collected date/time: 08/22/25 11:10 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:27	08/31/25 12:27	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603775	1	09/19/25 16:28	09/21/25 02:27	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:29	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590945	5	08/29/25 18:43	09/14/25 23:46	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589771	25	08/27/25 13:01	08/28/25 18:43	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 13:01	08/27/25 23:31	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:45	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 09:51	CMF	Mt. Juliet, TN

OL-B10@11' L1891933-21

Collected by: BS/BL | Collected date/time: 08/22/25 11:15 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:29	08/31/25 12:29	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 20:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:32	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:19	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 20:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/27/25 23:50	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 10:10	CMF	Mt. Juliet, TN

OL-B11@5' L1891933-22

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 11:20	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:31	08/31/25 12:31	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 20:32	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:35	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:22	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 20:42	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 00:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592548	1	09/03/25 21:30	09/05/25 13:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 04:40	CMF	Mt. Juliet, TN

OL-N04@9' L1891933-23

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 11:25	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:33	08/31/25 12:33	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 20:41	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:37	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:25	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 21:05	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 00:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:01	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 02:34	CMF	Mt. Juliet, TN

OL-N05@9' L1891933-24

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 11:30	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:34	08/31/25 12:34	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 20:49	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591628	1	08/31/25 07:38	09/04/25 22:00	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591631	1	08/31/25 07:41	09/05/25 00:00	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:40	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:34	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 21:27	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 00:47	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:14	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 04:22	CMF	Mt. Juliet, TN

OL-N06@9' L1891933-25

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 11:35	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:36	08/31/25 12:36	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 20:58	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:43	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:37	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 21:50	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 01:06	DWR	Mt. Juliet, TN

OL-N06@9' L1891933-25

Collected by: BS/BL | Collected date/time: 08/22/25 11:35 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:04	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 05:32	CMF	Mt. Juliet, TN

OL-N07@9' L1891933-26

Collected by: BS/BL | Collected date/time: 08/22/25 11:40 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:38	08/31/25 12:38	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 21:16	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:51	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:40	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 22:13	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 01:25	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:29	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 02:56	CMF	Mt. Juliet, TN

OL-N08@5' L1891933-27

Collected by: BS/BL | Collected date/time: 08/22/25 11:45 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:40	08/31/25 12:40	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 21:25	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:54	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:43	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/28/25 22:35	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 01:44	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:26	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 02:38	CMF	Mt. Juliet, TN

OL-N09@8' L1891933-28

Collected by: BS/BL | Collected date/time: 08/22/25 11:50 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:45	08/31/25 12:45	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 21:52	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:57	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:47	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 01:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 02:03	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:39	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592511	1	09/04/25 10:20	09/05/25 02:21	CMF	Mt. Juliet, TN

OL-N10@11' L1891933-29

Collected by: BS/BL | Collected date/time: 08/22/25 11:55 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:47	08/31/25 12:47	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 22:37	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:00	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/12/25 20:27	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:03	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 01:42	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 02:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:16	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 20:12	JRM	Mt. Juliet, TN

OL-N11@7' L1891933-30

Collected by: BS/BL | Collected date/time: 08/22/25 12:00 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:48	08/31/25 12:48	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 22:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:02	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:50	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 02:04	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 02:41	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 20:29	JRM	Mt. Juliet, TN

OL-N12@10' L1891933-31

Collected by: BS/BL | Collected date/time: 08/22/25 12:05 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:50	08/31/25 12:50	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 22:55	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591628	1	08/31/25 07:38	09/04/25 22:00	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591631	1	08/31/25 07:41	09/05/25 00:00	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:05	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:53	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 02:27	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 02:59	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:04	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 20:47	JRM	Mt. Juliet, TN

OL-S05@9' L1891933-32

Collected by: BS/BL | Collected date/time: 08/22/25 12:10 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:52	08/31/25 12:52	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 23:04	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:08	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:56	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 02:50	DWR	Mt. Juliet, TN

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

OL-S05@9' L1891933-32

Collected by: BS/BL | Collected date/time: 08/22/25 12:10 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 03:18	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:16	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 21:05	JRM	Mt. Juliet, TN

OL-S06@9' L1891933-33

Collected by: BS/BL | Collected date/time: 08/22/25 12:15 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:54	08/31/25 12:54	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 23:13	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:11	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 16:59	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 03:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589296	1	08/27/25 14:00	08/28/25 03:37	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:29	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 21:23	JRM	Mt. Juliet, TN

OL-S07@8' L1891933-34

Collected by: BS/BL | Collected date/time: 08/22/25 12:20 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:55	08/31/25 12:55	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 23:40	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:13	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 17:02	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 03:35	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:00	08/28/25 02:07	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:42	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 21:41	JRM	Mt. Juliet, TN

OL-S08@11' L1891933-35

Collected by: BS/BL | Collected date/time: 08/22/25 12:25 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:57	08/31/25 12:57	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/20/25 23:58	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 18:16	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 17:13	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 03:58	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:00	08/28/25 02:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 03:54	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 21:59	JRM	Mt. Juliet, TN

OL-S09@6' L1891933-36

Collected by: BS/BL | Collected date/time: 08/22/25 12:30 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 12:59	08/31/25 12:59	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	.452	09/19/25 13:54	09/21/25 00:07	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:04	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2590949	5	08/29/25 18:38	09/13/25 17:16	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 04:21	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 02:49	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 01:36	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 19:18	JRM	Mt. Juliet, TN

OL-S10@7' L1891933-37

Collected by: BS/BL | Collected date/time: 08/22/25 12:35 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 13:01	08/31/25 13:01	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/21/25 00:16	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:07	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:18	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2589776	25	08/27/25 14:00	08/29/25 04:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 03:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 01:49	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 22:17	JRM	Mt. Juliet, TN

OL-S11@10' L1891933-38

Collected by: BS/BL | Collected date/time: 08/22/25 12:40 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591393	1	08/31/25 13:06	08/31/25 13:06	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/21/25 00:25	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591636	1	08/31/25 07:47	09/03/25 10:20	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591641	1	08/31/25 07:50	09/03/25 12:05	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591402	1	09/04/25 14:46	09/04/25 17:09	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:21	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2592539	25	08/27/25 14:47	09/02/25 12:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 03:30	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:01	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 22:34	JRM	Mt. Juliet, TN

OL-E02@9' L1891933-39

Collected by: BS/BL | Collected date/time: 08/22/25 12:45 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 11:52	08/31/25 11:52	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/21/25 00:34	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2583562	1	08/31/25 07:52	08/31/25 07:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2583568	1	09/01/25 10:10	09/01/25 11:58	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:13	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:25	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 19:30	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 03:51	DWR	Mt. Juliet, TN

OL-E02@9' L1891933-39

Collected by: BS/BL | Collected date/time: 08/22/25 12:45 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:14	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 22:52	JRM	Mt. Juliet, TN

OL-E03@5' L1891933-40

Collected by: BS/BL | Collected date/time: 08/22/25 12:50 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 11:54	08/31/25 11:54	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603778	1	09/19/25 13:54	09/21/25 00:43	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:16	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:34	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 19:52	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 04:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:26	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 23:10	JRM	Mt. Juliet, TN

OL-E04@5' L1891933-41

Collected by: BS/BL | Collected date/time: 08/22/25 12:55 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 11:56	08/31/25 11:56	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 02:53	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591666	1	08/31/25 08:32	09/10/25 07:41	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591674	1	08/31/25 08:34	09/10/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:19	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:48	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 20:14	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 04:32	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:39	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 23:28	JRM	Mt. Juliet, TN

OL-E05@10' L1891933-42

Collected by: BS/BL | Collected date/time: 08/22/25 13:00 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 11:57	08/31/25 11:57	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 03:00	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2583562	1	08/31/25 07:52	08/31/25 07:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2583568	1	09/01/25 10:10	09/01/25 11:58	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:27	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:51	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 20:35	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 04:53	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592592	1	09/04/25 16:20	09/05/25 02:51	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/05/25 23:46	JRM	Mt. Juliet, TN

OL-E06@5' L1891933-43

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 13:05	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:03	08/31/25 12:03	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 03:08	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2583562	1	08/31/25 07:52	08/31/25 07:54	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2583568	1	09/01/25 10:10	09/01/25 11:58	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:30	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:54	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 20:57	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 05:13	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 13:42	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 00:04	JRM	Mt. Juliet, TN

OL-W03@9' L1891933-44

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 13:10	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:04	08/31/25 12:04	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 03:23	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591621	1	08/31/25 07:26	09/01/25 17:55	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591625	1	08/31/25 07:28	09/02/25 14:38	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:33	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:57	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 21:18	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 05:34	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 15:07	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 00:22	JRM	Mt. Juliet, TN

OL-W04@5' L1891933-45

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 13:15	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:06	08/31/25 12:06	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:17	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591621	1	08/31/25 07:26	09/01/25 17:55	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591625	1	08/31/25 07:28	09/02/25 14:38	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:36	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 15:00	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590894	25	08/27/25 14:47	08/29/25 22:12	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 05:55	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 13:55	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 00:39	JRM	Mt. Juliet, TN

OL-W05@5' L1891933-46

Collected by	Collected date/time	Received date/time
BS/BL	08/22/25 13:20	08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:08	08/31/25 12:08	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:25	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591621	1	08/31/25 07:26	09/01/25 17:55	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591625	1	08/31/25 07:28	09/02/25 14:38	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:39	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 15:03	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590901	25	08/27/25 14:47	08/29/25 17:38	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 06:15	DWR	Mt. Juliet, TN

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

OL-W05@5' L1891933-46

Collected by: BS/BL | Collected date/time: 08/22/25 13:20 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 14:12	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 00:57	JRM	Mt. Juliet, TN

OL-W06@8' L1891933-47

Collected by: BS/BL | Collected date/time: 08/22/25 13:25 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:10	08/31/25 12:10	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:32	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591619	1	08/31/25 07:18	09/01/25 19:20	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591620	1	08/31/25 07:20	09/01/25 22:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:42	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 15:07	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590901	25	08/27/25 14:47	08/29/25 17:58	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 06:36	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 14:26	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 01:15	JRM	Mt. Juliet, TN

OL-W07@10' L1891933-48

Collected by: BS/BL | Collected date/time: 08/22/25 13:30 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:11	08/31/25 12:11	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:40	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591619	1	08/31/25 07:18	09/01/25 19:20	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591620	1	08/31/25 07:20	09/01/25 22:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:44	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 15:10	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590901	25	08/27/25 14:47	08/29/25 18:43	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 06:57	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 14:12	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592512	1	09/05/25 04:57	09/06/25 01:33	JRM	Mt. Juliet, TN

OL-W08@5' L1891933-49

Collected by: BS/BL | Collected date/time: 08/22/25 13:35 | Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:13	08/31/25 12:13	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:47	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591619	1	08/31/25 07:18	09/01/25 19:20	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591620	1	08/31/25 07:20	09/01/25 22:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:47	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 14:03	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590901	25	08/27/25 14:47	08/29/25 19:05	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 07:17	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 14:26	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592513	1	09/04/25 03:53	09/04/25 18:39	MBE	Mt. Juliet, TN

SAMPLE SUMMARY

OL-W03@7' L1891933-50

Collected by: BS/BL
Collected date/time: 08/22/25 14:00
Received date/time: 08/23/25 17:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2591394	1	08/31/25 12:15	08/31/25 12:15	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2603781	1	09/19/25 16:26	09/22/25 04:55	HJF	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2591613	1	08/31/25 07:04	09/02/25 13:27	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2591618	1	08/31/25 07:09	09/02/25 22:20	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2591403	1	09/04/25 13:57	09/04/25 16:50	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2591224	5	08/30/25 09:40	09/13/25 15:13	TMT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2590901	25	08/27/25 14:47	08/29/25 23:19	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2589302	1	08/27/25 14:47	08/28/25 07:38	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2592593	1	09/05/25 05:23	09/05/25 14:40	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2592513	1	09/04/25 03:53	09/04/25 19:32	MBE	Mt. Juliet, TN

CASE NARRATIVE

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

Mandi Edwards
Project Manager

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0989		1	08/31/2025 12:39	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:08	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.36		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-01 WG2591666: 8.36 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	160	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-01 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 15:52	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.57		0.100	5	09/14/2025 22:31	WG2590945
Barium	39.6		10.0	5	09/14/2025 22:31	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:31	WG2590945
Copper	ND		10.0	5	09/14/2025 22:31	WG2590945
Lead	ND		10.0	5	09/14/2025 22:31	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:31	WG2590945
Selenium	0.190		0.100	5	09/14/2025 22:31	WG2590945
Silver	ND		0.500	5	09/14/2025 22:31	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:31	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 11:48	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 11:48*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 23:34	WG2589206
Ethylbenzene	ND		0.0100	1	08/27/2025 23:34	WG2589206
Toluene	ND		0.0100	1	08/27/2025 23:34	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:34	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:34	WG2589206
Xylenes, Total	ND		0.100	1	08/27/2025 23:34	WG2589206
(S) Toluene-d8	*96.6*		*75.0-131*		*08/27/2025 23:34*	WG2589206
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*08/27/2025 23:34*	WG2589206
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*08/27/2025 23:34*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/04/2025 23:07	WG2592547
C28-C36 Motor Oil Range	ND		4.00	1	09/04/2025 23:07	WG2592547
(S) o-Terphenyl	*50.2*		*18.0-148*		*09/04/2025 23:07*	WG2592547

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 19:24	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 19:24	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 19:24	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 19:24	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 19:24	WG2592500
Naphthalene	0.00413		0.00300	1	09/03/2025 19:24	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 19:24	WG2592500
(S) p-Terphenyl-d14	*76.0*		*23.0-120*		*09/03/2025 19:24*	WG2592500
(S) Nitrobenzene-d5	*84.9*		*14.0-149*		*09/03/2025 19:24*	WG2592500
(S) 2-Fluorobiphenyl	*81.0*		*34.0-125*		*09/03/2025 19:24*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.224		1	08/31/2025 12:40	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:17	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-02 WG2591666: 8.05 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	244	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-02 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 15:55	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.30		0.100	5	09/14/2025 22:34	WG2590945
Barium	40.2		10.0	5	09/14/2025 22:34	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:34	WG2590945
Copper	ND		10.0	5	09/14/2025 22:34	WG2590945
Lead	ND		10.0	5	09/14/2025 22:34	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:34	WG2590945
Selenium	0.167		0.100	5	09/14/2025 22:34	WG2590945
Silver	ND		0.500	5	09/14/2025 22:34	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:34	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 12:10	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 12:10*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 23:53	WG2589206
Ethylbenzene	ND		0.0100	1	08/27/2025 23:53	WG2589206
Toluene	ND		0.0100	1	08/27/2025 23:53	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:53	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:53	WG2589206
Xylenes, Total	ND		0.100	1	08/27/2025 23:53	WG2589206
(S) Toluene-d8	*97.6*		*75.0-131*		*08/27/2025 23:53*	WG2589206
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/27/2025 23:53*	WG2589206
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*08/27/2025 23:53*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 00:46	WG2592547
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 00:46	WG2592547
(S) o-Terphenyl	*56.5*		*18.0-148*		*09/05/2025 00:46*	WG2592547

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 19:42	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 19:42	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 19:42	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 19:42	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 19:42	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 19:42	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 19:42	WG2592500
(S) p-Terphenyl-d14	*77.2*		*23.0-120*		*09/03/2025 19:42*	WG2592500
(S) Nitrobenzene-d5	*90.7*		*14.0-149*		*09/03/2025 19:42*	WG2592500
(S) 2-Fluorobiphenyl	*83.4*		*34.0-125*		*09/03/2025 19:42*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.134		1	08/31/2025 12:42	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:26	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.18		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-03 WG2591666: 8.18 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	213	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-03 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 15:58	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.78		0.100	5	09/14/2025 22:37	WG2590945
Barium	35.3		10.0	5	09/14/2025 22:37	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:37	WG2590945
Copper	ND		10.0	5	09/14/2025 22:37	WG2590945
Lead	ND		10.0	5	09/14/2025 22:37	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:37	WG2590945
Selenium	0.136		0.100	5	09/14/2025 22:37	WG2590945
Silver	ND		0.500	5	09/14/2025 22:37	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:37	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 12:32	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 12:32*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:12	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 00:12	WG2589206
Toluene	ND		0.0100	1	08/28/2025 00:12	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:12	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:12	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 00:12	WG2589206
(S) Toluene-d8	*97.7*		*75.0-131*		*08/28/2025 00:12*	WG2589206
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*08/28/2025 00:12*	WG2589206
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*08/28/2025 00:12*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:13	WG2592548
C28-C36 Motor Oil Range	5.47		4.00	1	09/05/2025 14:13	WG2592548
(S) o-Terphenyl	*78.4*		*18.0-148*		*09/05/2025 14:13*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 19:59	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 19:59	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 19:59	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 19:59	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 19:59	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 19:59	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 19:59	WG2592500
(S) p-Terphenyl-d14	*74.2*		*23.0-120*		*09/03/2025 19:59*	WG2592500
(S) Nitrobenzene-d5	*84.1*		*14.0-149*		*09/03/2025 19:59*	WG2592500
(S) 2-Fluorobiphenyl	*81.5*		*34.0-125*		*09/03/2025 19:59*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.122		1	08/31/2025 12:44	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:35	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.30		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-04 WG2591666: 8.3 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	186	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-04 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:02	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.64		0.100	5	09/14/2025 22:48	WG2590945
Barium	34.3		10.0	5	09/14/2025 22:48	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:48	WG2590945
Copper	ND		10.0	5	09/14/2025 22:48	WG2590945
Lead	ND		10.0	5	09/14/2025 22:48	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:48	WG2590945
Selenium	0.230		0.100	5	09/14/2025 22:48	WG2590945
Silver	ND		0.500	5	09/14/2025 22:48	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:48	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 12:53	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 12:53*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:31	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 00:31	WG2589206
Toluene	ND		0.0100	1	08/28/2025 00:31	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:31	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:31	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 00:31	WG2589206
(S) Toluene-d8	*96.4*		*75.0-131*		*08/28/2025 00:31*	WG2589206
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*08/28/2025 00:31*	WG2589206
(S) 1,2-Dichloroethane-d4	*118*		*70.0-130*		*08/28/2025 00:31*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:13	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 14:13	WG2592548
(S) o-Terphenyl	*75.3*		*18.0-148*		*09/05/2025 14:13*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 20:17	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 20:17	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 20:17	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 20:17	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 20:17	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 20:17	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 20:17	WG2592500
(S) p-Terphenyl-d14	*73.7*		*23.0-120*		*09/03/2025 20:17*	WG2592500
(S) Nitrobenzene-d5	*83.3*		*14.0-149*		*09/03/2025 20:17*	WG2592500
(S) 2-Fluorobiphenyl	*80.0*		*34.0-125*		*09/03/2025 20:17*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.542		1	08/31/2025 12:46	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:44	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.32		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-05 WG2591666: 8.32 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	223	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-05 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:05	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.15		0.100	5	09/14/2025 22:51	WG2590945
Barium	68.3		10.0	5	09/14/2025 22:51	WG2590945
Cadmium	0.190		0.100	5	09/14/2025 22:51	WG2590945
Copper	ND		10.0	5	09/14/2025 22:51	WG2590945
Lead	ND		10.0	5	09/14/2025 22:51	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:51	WG2590945
Selenium	0.234		0.100	5	09/14/2025 22:51	WG2590945
Silver	ND		0.500	5	09/14/2025 22:51	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:51	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 13:16	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/28/2025 13:16*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:50	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 00:50	WG2589206
Toluene	ND		0.0100	1	08/28/2025 00:50	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:50	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:50	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 00:50	WG2589206
(S) Toluene-d8	*97.1*		*75.0-131*		*08/28/2025 00:50*	WG2589206
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*08/28/2025 00:50*	WG2589206
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*08/28/2025 00:50*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:45	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:45	WG2592548
(S) o-Terphenyl	*72.5*		*18.0-148*		*09/05/2025 13:45*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 20:35	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 20:35	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 20:35	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 20:35	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 20:35	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 20:35	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 20:35	WG2592500
(S) p-Terphenyl-d14	*75.9*		*23.0-120*		*09/03/2025 20:35*	WG2592500
(S) Nitrobenzene-d5	*85.1*		*14.0-149*		*09/03/2025 20:35*	WG2592500
(S) 2-Fluorobiphenyl	*81.8*		*34.0-125*		*09/03/2025 20:35*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.513		1	08/31/2025 12:47	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 22:53	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.20		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-06 WG2591666: 8.2 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	273	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-06 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:14	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.00		0.100	5	09/14/2025 22:55	WG2590945
Barium	43.5		10.0	5	09/14/2025 22:55	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:55	WG2590945
Copper	ND		10.0	5	09/14/2025 22:55	WG2590945
Lead	ND		10.0	5	09/14/2025 22:55	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:55	WG2590945
Selenium	0.171		0.100	5	09/14/2025 22:55	WG2590945
Silver	ND		0.500	5	09/14/2025 22:55	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:55	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 13:39	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 13:39*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:09	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 01:09	WG2589206
Toluene	ND		0.0100	1	08/28/2025 01:09	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:09	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:09	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 01:09	WG2589206
(S) Toluene-d8	*96.0*		*75.0-131*		*08/28/2025 01:09*	WG2589206
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*08/28/2025 01:09*	WG2589206
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*08/28/2025 01:09*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 11:34	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 11:34	WG2592548
(S) o-Terphenyl	*75.4*		*18.0-148*		*09/05/2025 11:34*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 20:52	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 20:52	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 20:52	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 20:52	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 20:52	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 20:52	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 20:52	WG2592500
(S) p-Terphenyl-d14	*73.7*		*23.0-120*		*09/03/2025 20:52*	WG2592500
(S) Nitrobenzene-d5	*83.6*		*14.0-149*		*09/03/2025 20:52*	WG2592500
(S) 2-Fluorobiphenyl	*78.5*		*34.0-125*		*09/03/2025 20:52*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0918		1	08/31/2025 12:49	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 23:02	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.95		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-07 WG2591666: 7.95 at 19.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	243	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-07 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:17	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.70		0.100	5	09/14/2025 22:58	WG2590945
Barium	46.6		10.0	5	09/14/2025 22:58	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:58	WG2590945
Copper	ND		10.0	5	09/14/2025 22:58	WG2590945
Lead	ND		10.0	5	09/14/2025 22:58	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:58	WG2590945
Selenium	ND		0.100	5	09/14/2025 22:58	WG2590945
Silver	ND		0.500	5	09/14/2025 22:58	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:58	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 14:00	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 14:00*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:27	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 01:27	WG2589206
Toluene	ND		0.0100	1	08/28/2025 01:27	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:27	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:27	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 01:27	WG2589206
(S) Toluene-d8	*98.4*		*75.0-131*		*08/28/2025 01:27*	WG2589206
(S) 4-Bromofluorobenzene	*98.0*		*67.0-138*		*08/28/2025 01:27*	WG2589206
(S) 1,2-Dichloroethane-d4	*94.3*		*70.0-130*		*08/28/2025 01:27*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:21	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:21	WG2592548
(S) o-Terphenyl	*77.6*		*18.0-148*		*09/05/2025 12:21*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Anthracene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Benzo(a)anthracene	ND		0.00600	1	09/03/2025 21:10	WG2592500
Benzo(b)fluoranthene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Benzo(k)fluoranthene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Benzo(a)pyrene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Chrysene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Dibenz(a,h)anthracene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Fluoranthene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Fluorene	ND		0.0330	1	09/03/2025 21:10	WG2592500
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/03/2025 21:10	WG2592500
1-Methylnaphthalene	ND		0.00300	1	09/03/2025 21:10	WG2592500
2-Methylnaphthalene	ND		0.0120	1	09/03/2025 21:10	WG2592500
Naphthalene	ND		0.00300	1	09/03/2025 21:10	WG2592500
Pyrene	ND		0.0330	1	09/03/2025 21:10	WG2592500
(S) p-Terphenyl-d14	*63.3*		*23.0-120*		*09/03/2025 21:10*	WG2592500
(S) Nitrobenzene-d5	*73.6*		*14.0-149*		*09/03/2025 21:10*	WG2592500
(S) 2-Fluorobiphenyl	*68.4*		*34.0-125*		*09/03/2025 21:10*	WG2592500

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0839		1	08/31/2025 12:54	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 23:38	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.32		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-08 WG2591666: 7.32 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	43.8	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-08 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:20	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.74	O1	0.100	5	09/14/2025 22:14	WG2590945
Barium	22.7		10.0	5	09/14/2025 22:14	WG2590945
Cadmium	ND		0.100	5	09/14/2025 22:14	WG2590945
Copper	ND		10.0	5	09/14/2025 22:14	WG2590945
Lead	ND		10.0	5	09/14/2025 22:14	WG2590945
Nickel	ND		10.0	5	09/14/2025 22:14	WG2590945
Selenium	0.131		0.100	5	09/14/2025 22:14	WG2590945
Silver	ND		0.500	5	09/14/2025 22:14	WG2590945
Zinc	ND		50.0	5	09/14/2025 22:14	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 14:22	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 14:22*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:46	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 01:46	WG2589206
Toluene	ND		0.0100	1	08/28/2025 01:46	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:46	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:46	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 01:46	WG2589206
(S) Toluene-d8	*95.9*		*75.0-131*		*08/28/2025 01:46*	WG2589206
(S) 4-Bromofluorobenzene	*97.8*		*67.0-138*		*08/28/2025 01:46*	WG2589206
(S) 1,2-Dichloroethane-d4	*97.2*		*70.0-130*		*08/28/2025 01:46*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:02	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:02	WG2592548
(S) o-Terphenyl	*67.4*		*18.0-148*		*09/05/2025 12:02*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Anthracene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Benzo(a)anthracene	ND		0.00600	1	09/04/2025 05:49	WG2592501
Benzo(b)fluoranthene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Benzo(k)fluoranthene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Benzo(a)pyrene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Chrysene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Dibenz(a,h)anthracene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Fluoranthene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Fluorene	ND		0.0330	1	09/04/2025 05:49	WG2592501
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/04/2025 05:49	WG2592501
1-Methylnaphthalene	ND		0.00300	1	09/04/2025 05:49	WG2592501
2-Methylnaphthalene	ND		0.0120	1	09/04/2025 05:49	WG2592501
Naphthalene	ND		0.00300	1	09/04/2025 05:49	WG2592501
Pyrene	ND		0.0330	1	09/04/2025 05:49	WG2592501
(S) p-Terphenyl-d14	*73.6*		*23.0-120*		*09/04/2025 05:49*	WG2592501
(S) Nitrobenzene-d5	*85.2*		*14.0-149*		*09/04/2025 05:49*	WG2592501
(S) 2-Fluorobiphenyl	*80.6*		*34.0-125*		*09/04/2025 05:49*	WG2592501

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.115		1	08/31/2025 12:56	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 23:47	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.45		1	09/01/2025 19:20	WG2591619

Sample Narrative:

L1891933-09 WG2591619: 8.45 at 22.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	176	umhos/cm		10.0	1	09/01/2025 22:30	WG2591620

Sample Narrative:

L1891933-09 WG2591620: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:23	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.13		0.100	5	09/14/2025 23:01	WG2590945
Barium	34.7		10.0	5	09/14/2025 23:01	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:01	WG2590945
Copper	ND		10.0	5	09/14/2025 23:01	WG2590945
Lead	ND		10.0	5	09/14/2025 23:01	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:01	WG2590945
Selenium	ND		0.100	5	09/14/2025 23:01	WG2590945
Silver	ND		0.500	5	09/14/2025 23:01	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:01	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 14:45	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/28/2025 14:45*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:05	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 02:05	WG2589206
Toluene	ND		0.0100	1	08/28/2025 02:05	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:05	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:05	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 02:05	WG2589206
(S) Toluene-d8	*99.4*		*75.0-131*		*08/28/2025 02:05*	WG2589206
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*08/28/2025 02:05*	WG2589206
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*08/28/2025 02:05*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:21	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:21	WG2592548
(S) o-Terphenyl	*74.0*		*18.0-148*		*09/05/2025 12:21*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 09:32	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 09:32	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 09:32	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 09:32	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 09:32	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 09:32	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 09:32	WG2592511
(S) p-Terphenyl-d14	*102*		*23.0-120*		*09/05/2025 09:32*	WG2592511
(S) Nitrobenzene-d5	*83.2*		*14.0-149*		*09/05/2025 09:32*	WG2592511
(S) 2-Fluorobiphenyl	*103*		*34.0-125*		*09/05/2025 09:32*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.836		1	08/31/2025 12:58	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/20/2025 23:55	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.53		1	09/02/2025 13:27	WG2591613

Sample Narrative:

L1891933-10 WG2591613: 8.53 at 22.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	198	umhos/cm		10.0	1	09/02/2025 22:20	WG2591618

Sample Narrative:

L1891933-10 WG2591618: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:27	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.85		0.100	5	09/14/2025 23:05	WG2590945
Barium	39.8		10.0	5	09/14/2025 23:05	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:05	WG2590945
Copper	ND		10.0	5	09/14/2025 23:05	WG2590945
Lead	ND		10.0	5	09/14/2025 23:05	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:05	WG2590945
Selenium	0.207		0.100	5	09/14/2025 23:05	WG2590945
Silver	ND		0.500	5	09/14/2025 23:05	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:05	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 15:07	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 15:07*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:24	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 02:24	WG2589206
Toluene	ND		0.0100	1	08/28/2025 02:24	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:24	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:24	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 02:24	WG2589206
(S) Toluene-d8	*99.4*		*75.0-131*		*08/28/2025 02:24*	WG2589206
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*08/28/2025 02:24*	WG2589206
(S) 1,2-Dichloroethane-d4	*96.4*		*70.0-130*		*08/28/2025 02:24*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:35	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:35	WG2592548
(S) o-Terphenyl	*74.0*		*18.0-148*		*09/05/2025 12:35*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 08:55	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 08:55	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 08:55	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 08:55	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 08:55	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 08:55	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 08:55	WG2592511
(S) p-Terphenyl-d14	*94.4*		*23.0-120*		*09/05/2025 08:55*	WG2592511
(S) Nitrobenzene-d5	*76.1*		*14.0-149*		*09/05/2025 08:55*	WG2592511
(S) 2-Fluorobiphenyl	*97.3*		*34.0-125*		*09/05/2025 08:55*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.124		1	08/31/2025 12:59	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 00:04	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.58		1	09/01/2025 19:20	WG2591619

Sample Narrative:

L1891933-11 WG2591619: 8.58 at 22.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	118	umhos/cm		10.0	1	09/01/2025 22:30	WG2591620

Sample Narrative:

L1891933-11 WG2591620: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:30	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.39		0.100	5	09/14/2025 23:08	WG2590945
Barium	35.7		10.0	5	09/14/2025 23:08	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:08	WG2590945
Copper	ND		10.0	5	09/14/2025 23:08	WG2590945
Lead	ND		10.0	5	09/14/2025 23:08	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:08	WG2590945
Selenium	0.149		0.100	5	09/14/2025 23:08	WG2590945
Silver	ND		0.500	5	09/14/2025 23:08	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:08	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 15:28	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 15:28*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:43	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 02:43	WG2589206
Toluene	ND		0.0100	1	08/28/2025 02:43	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:43	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:43	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 02:43	WG2589206
(S) Toluene-d8	*97.2*		*75.0-131*		*08/28/2025 02:43*	WG2589206
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*08/28/2025 02:43*	WG2589206
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*08/28/2025 02:43*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:35	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:35	WG2592548
(S) o-Terphenyl	*78.3*		*18.0-148*		*09/05/2025 12:35*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 09:14	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 09:14	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 09:14	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 09:14	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 09:14	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 09:14	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 09:14	WG2592511
(S) p-Terphenyl-d14	*93.8*		*23.0-120*		*09/05/2025 09:14*	WG2592511
(S) Nitrobenzene-d5	*75.2*		*14.0-149*		*09/05/2025 09:14*	WG2592511
(S) 2-Fluorobiphenyl	*96.4*		*34.0-125*		*09/05/2025 09:14*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.206		1	08/31/2025 13:01	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 00:13	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.16		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-12 WG2591666: 8.16 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	316	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-12 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:33	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.14		0.100	5	09/14/2025 23:11	WG2590945
Barium	59.1		10.0	5	09/14/2025 23:11	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:11	WG2590945
Copper	ND		10.0	5	09/14/2025 23:11	WG2590945
Lead	ND		10.0	5	09/14/2025 23:11	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:11	WG2590945
Selenium	0.193		0.100	5	09/14/2025 23:11	WG2590945
Silver	ND		0.500	5	09/14/2025 23:11	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:11	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 15:50	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 15:50*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:02	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 03:02	WG2589206
Toluene	ND		0.0100	1	08/28/2025 03:02	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:02	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:02	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 03:02	WG2589206
(S) Toluene-d8	*99.4*		*75.0-131*		*08/28/2025 03:02*	WG2589206
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*08/28/2025 03:02*	WG2589206
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*08/28/2025 03:02*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:49	WG2592548
C28-C36 Motor Oil Range	4.31		4.00	1	09/05/2025 12:49	WG2592548
(S) o-Terphenyl	*73.7*		*18.0-148*		*09/05/2025 12:49*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 10:29	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 10:29	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 10:29	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 10:29	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 10:29	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 10:29	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 10:29	WG2592511
(S) p-Terphenyl-d14	*63.4*		*23.0-120*		*09/05/2025 10:29*	WG2592511
(S) Nitrobenzene-d5	*48.1*		*14.0-149*		*09/05/2025 10:29*	WG2592511
(S) 2-Fluorobiphenyl	*63.6*		*34.0-125*		*09/05/2025 10:29*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.204		1	08/31/2025 13:03	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 00:22	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.76		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-13 WG2591666: 7.76 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	124	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-13 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:36	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.34		0.100	5	09/14/2025 23:15	WG2590945
Barium	56.3		10.0	5	09/14/2025 23:15	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:15	WG2590945
Copper	ND		10.0	5	09/14/2025 23:15	WG2590945
Lead	ND		10.0	5	09/14/2025 23:15	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:15	WG2590945
Selenium	0.160		0.100	5	09/14/2025 23:15	WG2590945
Silver	ND		0.500	5	09/14/2025 23:15	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:15	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 16:12	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 16:12*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:21	WG2589206
Ethylbenzene	ND		0.0100	1	08/28/2025 03:21	WG2589206
Toluene	ND		0.0100	1	08/28/2025 03:21	WG2589206
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:21	WG2589206
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:21	WG2589206
Xylenes, Total	ND		0.100	1	08/28/2025 03:21	WG2589206
(S) Toluene-d8	*98.6*		*75.0-131*		*08/28/2025 03:21*	WG2589206
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*08/28/2025 03:21*	WG2589206
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*08/28/2025 03:21*	WG2589206

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 12:49	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 12:49	WG2592548
(S) o-Terphenyl	*78.5*		*18.0-148*		*09/05/2025 12:49*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 10:48	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 10:48	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 10:48	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 10:48	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 10:48	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 10:48	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 10:48	WG2592511
(S) p-Terphenyl-d14	*76.7*		*23.0-120*		*09/05/2025 10:48*	WG2592511
(S) Nitrobenzene-d5	*58.1*		*14.0-149*		*09/05/2025 10:48*	WG2592511
(S) 2-Fluorobiphenyl	*76.9*		*34.0-125*		*09/05/2025 10:48*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.167		1	08/31/2025 13:04	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 00:31	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.47		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-14 WG2591666: 8.47 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	174	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-14 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:39	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.70		0.100	5	09/14/2025 23:18	WG2590945
Barium	36.2		10.0	5	09/14/2025 23:18	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:18	WG2590945
Copper	ND		10.0	5	09/14/2025 23:18	WG2590945
Lead	ND		10.0	5	09/14/2025 23:18	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:18	WG2590945
Selenium	0.122		0.100	5	09/14/2025 23:18	WG2590945
Silver	ND		0.500	5	09/14/2025 23:18	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:18	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 16:33	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 16:33*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 21:37	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 21:37	WG2589296
Toluene	ND		0.0100	1	08/27/2025 21:37	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 21:37	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 21:37	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 21:37	WG2589296
(S) Toluene-d8	*94.8*		*75.0-131*		*08/27/2025 21:37*	WG2589296
(S) 4-Bromofluorobenzene	*85.6*		*67.0-138*		*08/27/2025 21:37*	WG2589296
(S) 1,2-Dichloroethane-d4	*92.8*		*70.0-130*		*08/27/2025 21:37*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:03	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:03	WG2592548
(S) o-Terphenyl	*75.5*		*18.0-148*		*09/05/2025 13:03*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 05:14	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 05:14	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 05:14	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 05:14	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 05:14	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 05:14	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 05:14	WG2592511
(S) p-Terphenyl-d14	*83.9*		*23.0-120*		*09/05/2025 05:14*	WG2592511
(S) Nitrobenzene-d5	*99.2*		*14.0-149*		*09/05/2025 05:14*	WG2592511
(S) 2-Fluorobiphenyl	*94.3*		*34.0-125*		*09/05/2025 05:14*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.285		1	08/31/2025 13:06	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 00:49	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.05		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-15 WG2591666: 8.05 at 20C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	132	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-15 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:42	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.66		0.100	5	09/14/2025 23:30	WG2590945
Barium	32.2		10.0	5	09/14/2025 23:30	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:30	WG2590945
Copper	ND		10.0	5	09/14/2025 23:30	WG2590945
Lead	ND		10.0	5	09/14/2025 23:30	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:30	WG2590945
Selenium	ND		0.100	5	09/14/2025 23:30	WG2590945
Silver	ND		0.500	5	09/14/2025 23:30	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:30	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 16:55	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/28/2025 16:55*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 21:56	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 21:56	WG2589296
Toluene	ND		0.0100	1	08/27/2025 21:56	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 21:56	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 21:56	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 21:56	WG2589296
(S) Toluene-d8	*87.3*		*75.0-131*		*08/27/2025 21:56*	WG2589296
(S) 4-Bromofluorobenzene	*139*	J1	*67.0-138*		*08/27/2025 21:56*	WG2589296
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/27/2025 21:56*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:03	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:03	WG2592548
(S) o-Terphenyl	*83.3*		*18.0-148*		*09/05/2025 13:03*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 04:57	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 04:57	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 04:57	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 04:57	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 04:57	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 04:57	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 04:57	WG2592511
(S) p-Terphenyl-d14	*90.5*		*23.0-120*		*09/05/2025 04:57*	WG2592511
(S) Nitrobenzene-d5	*106*		*14.0-149*		*09/05/2025 04:57*	WG2592511
(S) 2-Fluorobiphenyl	*100*		*34.0-125*		*09/05/2025 04:57*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.326		1	08/31/2025 13:08	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4 J5 O1	0.200	1	09/21/2025 00:58	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.55		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-16 WG2591666: 7.55 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	238	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-16 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:52	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.91		0.100	5	09/14/2025 23:33	WG2590945
Barium	42.4		10.0	5	09/14/2025 23:33	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:33	WG2590945
Copper	ND		10.0	5	09/14/2025 23:33	WG2590945
Lead	ND		10.0	5	09/14/2025 23:33	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:33	WG2590945
Selenium	ND		0.100	5	09/14/2025 23:33	WG2590945
Silver	ND		0.500	5	09/14/2025 23:33	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:33	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 17:17	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/28/2025 17:17*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 22:15	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 22:15	WG2589296
Toluene	ND		0.0100	1	08/27/2025 22:15	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:15	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:15	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 22:15	WG2589296
(S) Toluene-d8	*101*		*75.0-131*		*08/27/2025 22:15*	WG2589296
(S) 4-Bromofluorobenzene	*107*		*67.0-138*		*08/27/2025 22:15*	WG2589296
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/27/2025 22:15*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:17	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:17	WG2592548
(S) o-Terphenyl	*73.8*		*18.0-148*		*09/05/2025 13:17*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 04:05	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 04:05	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 04:05	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 04:05	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 04:05	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 04:05	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 04:05	WG2592511
(S) p-Terphenyl-d14	*75.3*		*23.0-120*		*09/05/2025 04:05*	WG2592511
(S) Nitrobenzene-d5	*88.1*		*14.0-149*		*09/05/2025 04:05*	WG2592511
(S) 2-Fluorobiphenyl	*84.8*		*34.0-125*		*09/05/2025 04:05*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0840		1	08/31/2025 13:09	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 02:00	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.01		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-17 WG2591666: 8.01 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	121	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-17 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:55	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.54		0.100	5	09/14/2025 23:37	WG2590945
Barium	29.6		10.0	5	09/14/2025 23:37	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:37	WG2590945
Copper	ND		10.0	5	09/14/2025 23:37	WG2590945
Lead	ND		10.0	5	09/14/2025 23:37	WG2590945
Nickel	ND		10.0	5	09/14/2025 23:37	WG2590945
Selenium	ND		0.100	5	09/14/2025 23:37	WG2590945
Silver	ND		0.500	5	09/14/2025 23:37	WG2590945
Zinc	ND		50.0	5	09/14/2025 23:37	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 17:38	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 17:38*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 22:34	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 22:34	WG2589296
Toluene	ND		0.0100	1	08/27/2025 22:34	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:34	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:34	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 22:34	WG2589296
(S) Toluene-d8	*94.4*		*75.0-131*		*08/27/2025 22:34*	WG2589296
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*08/27/2025 22:34*	WG2589296
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*08/27/2025 22:34*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:17	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:17	WG2592548
(S) o-Terphenyl	*74.1*		*18.0-148*		*09/05/2025 13:17*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 03:48	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 03:48	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 03:48	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 03:48	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 03:48	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 03:48	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 03:48	WG2592511
(S) p-Terphenyl-d14	*73.3*		*23.0-120*		*09/05/2025 03:48*	WG2592511
(S) Nitrobenzene-d5	*89.4*		*14.0-149*		*09/05/2025 03:48*	WG2592511
(S) 2-Fluorobiphenyl	*83.9*		*34.0-125*		*09/05/2025 03:48*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.34		1	08/31/2025 12:28	WG2591390

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 02:09	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.16		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-18 WG2591666: 8.16 at 19.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	391	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-18 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:58	WG2591401

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.04		0.100	5	09/14/2025 23:40	WG2590945
Barium	77.9		10.0	5	09/14/2025 23:40	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:40	WG2590945
Copper	ND		10.0	5	09/14/2025 23:40	WG2590945
Lead	11.1		10.0	5	09/14/2025 23:40	WG2590945
Nickel	12.8		10.0	5	09/14/2025 23:40	WG2590945
Selenium	0.346		0.100	5	09/14/2025 23:40	WG2590945
Silver	ND		0.500	5	09/14/2025 23:40	WG2590945
Zinc	51.2		50.0	5	09/14/2025 23:40	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 18:00	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 18:00*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 22:53	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 22:53	WG2589296
Toluene	ND		0.0100	1	08/27/2025 22:53	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:53	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 22:53	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 22:53	WG2589296
(S) Toluene-d8	*63.1*	J2	*75.0-131*		*08/27/2025 22:53*	WG2589296
(S) 4-Bromofluorobenzene	*76.2*		*67.0-138*		*08/27/2025 22:53*	WG2589296
(S) 1,2-Dichloroethane-d4	*121*		*70.0-130*		*08/27/2025 22:53*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:31	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:31	WG2592548
(S) o-Terphenyl	*68.2*		*18.0-148*		*09/05/2025 13:31*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 03:30	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 03:30	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 03:30	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 03:30	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 03:30	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 03:30	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 03:30	WG2592511
(S) p-Terphenyl-d14	*74.9*		*23.0-120*		*09/05/2025 03:30*	WG2592511
(S) Nitrobenzene-d5	*94.0*		*14.0-149*		*09/05/2025 03:30*	WG2592511
(S) 2-Fluorobiphenyl	*85.9*		*34.0-125*		*09/05/2025 03:30*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.85		1	08/31/2025 12:26	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 02:18	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.56		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-19 WG2591636: 8.56 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	276	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-19 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:26	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.5		0.100	5	09/14/2025 23:43	WG2590945
Barium	53.5		10.0	5	09/14/2025 23:43	WG2590945
Cadmium	0.110		0.100	5	09/14/2025 23:43	WG2590945
Copper	12.2		10.0	5	09/14/2025 23:43	WG2590945
Lead	12.8		10.0	5	09/14/2025 23:43	WG2590945
Nickel	16.4		10.0	5	09/14/2025 23:43	WG2590945
Selenium	0.469		0.100	5	09/14/2025 23:43	WG2590945
Silver	ND		0.500	5	09/14/2025 23:43	WG2590945
Zinc	66.9		50.0	5	09/14/2025 23:43	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 18:21	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 18:21*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 23:12	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 23:12	WG2589296
Toluene	ND		0.0100	1	08/27/2025 23:12	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:12	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:12	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 23:12	WG2589296
(S) Toluene-d8	*152*	J1	*75.0-131*		*08/27/2025 23:12*	WG2589296
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*08/27/2025 23:12*	WG2589296
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*08/27/2025 23:12*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:31	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:31	WG2592548
(S) o-Terphenyl	*70.8*		*18.0-148*		*09/05/2025 13:31*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 03:13	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 03:13	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 03:13	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 03:13	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 03:13	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 03:13	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 03:13	WG2592511
(S) p-Terphenyl-d14	*71.2*		*23.0-120*		*09/05/2025 03:13*	WG2592511
(S) Nitrobenzene-d5	*93.1*		*14.0-149*		*09/05/2025 03:13*	WG2592511
(S) 2-Fluorobiphenyl	*83.8*		*34.0-125*		*09/05/2025 03:13*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.888		1	08/31/2025 12:27	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J4	0.200	1	09/21/2025 02:27	WG2603775

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.49		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-20 WG2591636: 8.49 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	230	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-20 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:29	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.10		0.100	5	09/14/2025 23:46	WG2590945
Barium	81.8		10.0	5	09/14/2025 23:46	WG2590945
Cadmium	ND		0.100	5	09/14/2025 23:46	WG2590945
Copper	ND		10.0	5	09/14/2025 23:46	WG2590945
Lead	10.8		10.0	5	09/14/2025 23:46	WG2590945
Nickel	12.5		10.0	5	09/14/2025 23:46	WG2590945
Selenium	0.341		0.100	5	09/14/2025 23:46	WG2590945
Silver	ND		0.500	5	09/14/2025 23:46	WG2590945
Zinc	51.7		50.0	5	09/14/2025 23:46	WG2590945

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 18:43	WG2589771
(S) a,a,a-Trifluorotoluene(FID)	*103*		*77.0-120*		*08/28/2025 18:43*	WG2589771

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 23:31	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 23:31	WG2589296
Toluene	ND		0.0100	1	08/27/2025 23:31	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:31	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:31	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 23:31	WG2589296
(S) Toluene-d8	*98.3*		*75.0-131*		*08/27/2025 23:31*	WG2589296
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*08/27/2025 23:31*	WG2589296
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/27/2025 23:31*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:45	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:45	WG2592548
(S) o-Terphenyl	*67.6*		*18.0-148*		*09/05/2025 13:45*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 09:51	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 09:51	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 09:51	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 09:51	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 09:51	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 09:51	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 09:51	WG2592511
(S) p-Terphenyl-d14	*74.8*		*23.0-120*		*09/05/2025 09:51*	WG2592511
(S) Nitrobenzene-d5	*61.1*		*14.0-149*		*09/05/2025 09:51*	WG2592511
(S) 2-Fluorobiphenyl	*78.5*		*34.0-125*		*09/05/2025 09:51*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.410		1	08/31/2025 12:29	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.206		0.200	1	09/20/2025 20:23	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.03		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-21 WG2591636: 8.03 at 21.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	342	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-21 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:32	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.77		0.100	5	09/13/2025 16:19	WG2590949
Barium	53.9		10.0	5	09/13/2025 16:19	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:19	WG2590949
Copper	ND		10.0	5	09/13/2025 16:19	WG2590949
Lead	ND		10.0	5	09/13/2025 16:19	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:19	WG2590949
Selenium	0.196		0.100	5	09/13/2025 16:19	WG2590949
Silver	ND		0.500	5	09/13/2025 16:19	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:19	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 20:19	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*100*		*77.0-120*		*08/28/2025 20:19*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/27/2025 23:50	WG2589296
Ethylbenzene	ND		0.0100	1	08/27/2025 23:50	WG2589296
Toluene	ND		0.0100	1	08/27/2025 23:50	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:50	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/27/2025 23:50	WG2589296
Xylenes, Total	ND		0.100	1	08/27/2025 23:50	WG2589296
(S) Toluene-d8	*95.6*		*75.0-131*		*08/27/2025 23:50*	WG2589296
(S) 4-Bromofluorobenzene	*62.0*	J2	*67.0-138*		*08/27/2025 23:50*	WG2589296
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*08/27/2025 23:50*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:59	WG2592548
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:59	WG2592548
(S) o-Terphenyl	*65.2*		*18.0-148*		*09/05/2025 13:59*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 10:10	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 10:10	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 10:10	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 10:10	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 10:10	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 10:10	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 10:10	WG2592511
(S) p-Terphenyl-d14	*82.3*		*23.0-120*		*09/05/2025 10:10*	WG2592511
(S) Nitrobenzene-d5	*62.7*		*14.0-149*		*09/05/2025 10:10*	WG2592511
(S) 2-Fluorobiphenyl	*84.5*		*34.0-125*		*09/05/2025 10:10*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0457		1	08/31/2025 12:31	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 20:32	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.20		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-22 WG2591636: 8.2 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	161	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-22 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:35	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.42		0.100	5	09/13/2025 16:22	WG2590949
Barium	43.5		10.0	5	09/13/2025 16:22	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:22	WG2590949
Copper	ND		10.0	5	09/13/2025 16:22	WG2590949
Lead	ND		10.0	5	09/13/2025 16:22	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:22	WG2590949
Selenium	0.187		0.100	5	09/13/2025 16:22	WG2590949
Silver	ND		0.500	5	09/13/2025 16:22	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:22	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 20:42	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.4*		*77.0-120*		*08/28/2025 20:42*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:09	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 00:09	WG2589296
Toluene	ND		0.0100	1	08/28/2025 00:09	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:09	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:09	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 00:09	WG2589296
(S) Toluene-d8	*93.3*		*75.0-131*		*08/28/2025 00:09*	WG2589296
(S) 4-Bromofluorobenzene	*61.9*	J2	*67.0-138*		*08/28/2025 00:09*	WG2589296
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*08/28/2025 00:09*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:59	WG2592548
C28-C36 Motor Oil Range	6.42		4.00	1	09/05/2025 13:59	WG2592548
(S) o-Terphenyl	*77.3*		*18.0-148*		*09/05/2025 13:59*	WG2592548

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 04:40	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 04:40	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 04:40	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 04:40	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 04:40	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 04:40	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 04:40	WG2592511
(S) p-Terphenyl-d14	*76.9*		*23.0-120*		*09/05/2025 04:40*	WG2592511
(S) Nitrobenzene-d5	*89.8*		*14.0-149*		*09/05/2025 04:40*	WG2592511
(S) 2-Fluorobiphenyl	*86.4*		*34.0-125*		*09/05/2025 04:40*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.271		1	08/31/2025 12:33	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 20:41	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.33		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-23 WG2591636: 8.33 at 21.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	327	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-23 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:37	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.68		0.100	5	09/13/2025 16:25	WG2590949
Barium	66.9		10.0	5	09/13/2025 16:25	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:25	WG2590949
Copper	ND		10.0	5	09/13/2025 16:25	WG2590949
Lead	ND		10.0	5	09/13/2025 16:25	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:25	WG2590949
Selenium	0.208		0.100	5	09/13/2025 16:25	WG2590949
Silver	ND		0.500	5	09/13/2025 16:25	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:25	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 21:05	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.4*		*77.0-120*		*08/28/2025 21:05*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:28	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 00:28	WG2589296
Toluene	ND		0.0100	1	08/28/2025 00:28	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:28	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:28	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 00:28	WG2589296
(S) Toluene-d8	*94.4*		*75.0-131*		*08/28/2025 00:28*	WG2589296
(S) 4-Bromofluorobenzene	*97.7*		*67.0-138*		*08/28/2025 00:28*	WG2589296
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*08/28/2025 00:28*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:01	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:01	WG2592592
(S) o-Terphenyl	*58.4*		*18.0-148*		*09/05/2025 02:01*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 02:34	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 02:34	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 02:34	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 02:34	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 02:34	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 02:34	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 02:34	WG2592511
(S) p-Terphenyl-d14	*79.0*		*23.0-120*		*09/05/2025 02:34*	WG2592511
(S) Nitrobenzene-d5	*65.8*		*14.0-149*		*09/05/2025 02:34*	WG2592511
(S) 2-Fluorobiphenyl	*84.2*		*34.0-125*		*09/05/2025 02:34*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.529		1	08/31/2025 12:34	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 20:49	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.27		1	09/04/2025 22:00	WG2591628

Sample Narrative:

L1891933-24 WG2591628: 8.27 at 22C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	309	umhos/cm		10.0	1	09/05/2025 00:00	WG2591631

Sample Narrative:

L1891933-24 WG2591631: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:40	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.57		0.100	5	09/13/2025 16:34	WG2590949
Barium	74.7		10.0	5	09/13/2025 16:34	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:34	WG2590949
Copper	ND		10.0	5	09/13/2025 16:34	WG2590949
Lead	ND		10.0	5	09/13/2025 16:34	WG2590949
Nickel	10.2		10.0	5	09/13/2025 16:34	WG2590949
Selenium	0.366		0.100	5	09/13/2025 16:34	WG2590949
Silver	ND		0.500	5	09/13/2025 16:34	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:34	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 21:27	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.1*		*77.0-120*		*08/28/2025 21:27*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 00:47	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 00:47	WG2589296
Toluene	ND		0.0100	1	08/28/2025 00:47	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:47	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 00:47	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 00:47	WG2589296
(S) Toluene-d8	*92.1*		*75.0-131*		*08/28/2025 00:47*	WG2589296
(S) 4-Bromofluorobenzene	*92.7*		*67.0-138*		*08/28/2025 00:47*	WG2589296
(S) 1,2-Dichloroethane-d4	*123*		*70.0-130*		*08/28/2025 00:47*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:14	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:14	WG2592592
(S) o-Terphenyl	*70.6*		*18.0-148*		*09/05/2025 02:14*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 04:22	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 04:22	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 04:22	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 04:22	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 04:22	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 04:22	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 04:22	WG2592511
(S) p-Terphenyl-d14	*82.0*		*23.0-120*		*09/05/2025 04:22*	WG2592511
(S) Nitrobenzene-d5	*102*		*14.0-149*		*09/05/2025 04:22*	WG2592511
(S) 2-Fluorobiphenyl	*96.2*		*34.0-125*		*09/05/2025 04:22*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.06		1	08/31/2025 12:36	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 20:58	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.93		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-25 WG2591636: 7.93 at 21.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1720	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-25 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:43	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.68		0.100	5	09/13/2025 16:37	WG2590949
Barium	163		10.0	5	09/13/2025 16:37	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:37	WG2590949
Copper	ND		10.0	5	09/13/2025 16:37	WG2590949
Lead	ND		10.0	5	09/13/2025 16:37	WG2590949
Nickel	12.7		10.0	5	09/13/2025 16:37	WG2590949
Selenium	0.417		0.100	5	09/13/2025 16:37	WG2590949
Silver	ND		0.500	5	09/13/2025 16:37	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:37	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 21:50	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.5*		*77.0-120*		*08/28/2025 21:50*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:06	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 01:06	WG2589296
Toluene	ND		0.0100	1	08/28/2025 01:06	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:06	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:06	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 01:06	WG2589296
(S) Toluene-d8	*92.9*		*75.0-131*		*08/28/2025 01:06*	WG2589296
(S) 4-Bromofluorobenzene	*93.2*		*67.0-138*		*08/28/2025 01:06*	WG2589296
(S) 1,2-Dichloroethane-d4	*124*		*70.0-130*		*08/28/2025 01:06*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:04	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:04	WG2592592
(S) o-Terphenyl	*67.5*		*18.0-148*		*09/05/2025 03:04*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 05:32	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 05:32	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 05:32	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 05:32	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 05:32	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 05:32	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 05:32	WG2592511
(S) p-Terphenyl-d14	*76.0*		*23.0-120*		*09/05/2025 05:32*	WG2592511
(S) Nitrobenzene-d5	*90.3*		*14.0-149*		*09/05/2025 05:32*	WG2592511
(S) 2-Fluorobiphenyl	*86.5*		*34.0-125*		*09/05/2025 05:32*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.719		1	08/31/2025 12:38	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 21:16	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.18		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-26 WG2591636: 8.18 at 21.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	365	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-26 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:51	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.90		0.100	5	09/13/2025 16:40	WG2590949
Barium	78.2		10.0	5	09/13/2025 16:40	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:40	WG2590949
Copper	ND		10.0	5	09/13/2025 16:40	WG2590949
Lead	ND		10.0	5	09/13/2025 16:40	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:40	WG2590949
Selenium	0.353		0.100	5	09/13/2025 16:40	WG2590949
Silver	ND		0.500	5	09/13/2025 16:40	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:40	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 22:13	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.8*		*77.0-120*		*08/28/2025 22:13*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:25	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 01:25	WG2589296
Toluene	ND		0.0100	1	08/28/2025 01:25	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:25	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:25	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 01:25	WG2589296
(S) Toluene-d8	*83.3*		*75.0-131*		*08/28/2025 01:25*	WG2589296
(S) 4-Bromofluorobenzene	*99.8*		*67.0-138*		*08/28/2025 01:25*	WG2589296
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*08/28/2025 01:25*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:29	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:29	WG2592592
(S) o-Terphenyl	*71.9*		*18.0-148*		*09/05/2025 03:29*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 02:56	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 02:56	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 02:56	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 02:56	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 02:56	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 02:56	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 02:56	WG2592511
(S) p-Terphenyl-d14	*65.7*		*23.0-120*		*09/05/2025 02:56*	WG2592511
(S) Nitrobenzene-d5	*84.7*		*14.0-149*		*09/05/2025 02:56*	WG2592511
(S) 2-Fluorobiphenyl	*77.6*		*34.0-125*		*09/05/2025 02:56*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.179		1	08/31/2025 12:40	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 21:25	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.03		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-27 WG2591636: 8.03 at 21.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	214	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-27 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:54	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.21		0.100	5	09/13/2025 16:43	WG2590949
Barium	44.8		10.0	5	09/13/2025 16:43	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:43	WG2590949
Copper	ND		10.0	5	09/13/2025 16:43	WG2590949
Lead	ND		10.0	5	09/13/2025 16:43	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:43	WG2590949
Selenium	0.135		0.100	5	09/13/2025 16:43	WG2590949
Silver	ND		0.500	5	09/13/2025 16:43	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:43	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/28/2025 22:35	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.2*		*77.0-120*		*08/28/2025 22:35*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 01:44	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 01:44	WG2589296
Toluene	ND		0.0100	1	08/28/2025 01:44	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:44	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 01:44	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 01:44	WG2589296
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 01:44*	WG2589296
(S) 4-Bromofluorobenzene	*110*		*67.0-138*		*08/28/2025 01:44*	WG2589296
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*08/28/2025 01:44*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	4.06		4.00	1	09/05/2025 02:26	WG2592592
C28-C36 Motor Oil Range	8.61	B	4.00	1	09/05/2025 02:26	WG2592592
(S) o-Terphenyl	*75.0*		*18.0-148*		*09/05/2025 02:26*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 02:38	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 02:38	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 02:38	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 02:38	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 02:38	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 02:38	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 02:38	WG2592511
(S) p-Terphenyl-d14	*80.8*		*23.0-120*		*09/05/2025 02:38*	WG2592511
(S) Nitrobenzene-d5	*100*		*14.0-149*		*09/05/2025 02:38*	WG2592511
(S) 2-Fluorobiphenyl	*93.4*		*34.0-125*		*09/05/2025 02:38*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.240		1	08/31/2025 12:45	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 21:52	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.91		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-28 WG2591636: 7.91 at 21.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1010	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-28 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:57	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.44		0.100	5	09/13/2025 16:47	WG2590949
Barium	99.2		10.0	5	09/13/2025 16:47	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:47	WG2590949
Copper	ND		10.0	5	09/13/2025 16:47	WG2590949
Lead	ND		10.0	5	09/13/2025 16:47	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:47	WG2590949
Selenium	0.233		0.100	5	09/13/2025 16:47	WG2590949
Silver	ND		0.500	5	09/13/2025 16:47	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:47	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 01:19	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.6*		*77.0-120*		*08/29/2025 01:19*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:03	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 02:03	WG2589296
Toluene	ND		0.0100	1	08/28/2025 02:03	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:03	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:03	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 02:03	WG2589296
(S) Toluene-d8	*91.7*		*75.0-131*		*08/28/2025 02:03*	WG2589296
(S) 4-Bromofluorobenzene	*95.5*		*67.0-138*		*08/28/2025 02:03*	WG2589296
(S) 1,2-Dichloroethane-d4	*122*		*70.0-130*		*08/28/2025 02:03*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:39	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:39	WG2592592
(S) o-Terphenyl	*71.0*		*18.0-148*		*09/05/2025 02:39*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Anthracene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 02:21	WG2592511
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Chrysene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Fluoranthene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Fluorene	ND		0.0330	1	09/05/2025 02:21	WG2592511
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 02:21	WG2592511
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 02:21	WG2592511
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 02:21	WG2592511
Naphthalene	ND		0.00300	1	09/05/2025 02:21	WG2592511
Pyrene	ND		0.0330	1	09/05/2025 02:21	WG2592511
(S) p-Terphenyl-d14	*70.6*		*23.0-120*		*09/05/2025 02:21*	WG2592511
(S) Nitrobenzene-d5	*88.2*		*14.0-149*		*09/05/2025 02:21*	WG2592511
(S) 2-Fluorobiphenyl	*80.1*		*34.0-125*		*09/05/2025 02:21*	WG2592511

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.226		1	08/31/2025 12:47	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 22:37	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.25		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-29 WG2591636: 8.25 at 21.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	247	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-29 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:00	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.46	O1	0.100	5	09/13/2025 16:03	WG2590949
Barium	67.0		10.0	5	09/13/2025 16:03	WG2590949
Cadmium	ND		0.100	5	09/12/2025 20:27	WG2590949
Copper	ND		10.0	5	09/13/2025 16:03	WG2590949
Lead	ND		10.0	5	09/12/2025 20:27	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:03	WG2590949
Selenium	0.234		0.100	5	09/13/2025 16:03	WG2590949
Silver	ND		0.500	5	09/13/2025 16:03	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:03	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 01:42	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.3*		*77.0-120*		*08/29/2025 01:42*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:21	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 02:21	WG2589296
Toluene	ND		0.0100	1	08/28/2025 02:21	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:21	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:21	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 02:21	WG2589296
(S) Toluene-d8	*101*		*75.0-131*		*08/28/2025 02:21*	WG2589296
(S) 4-Bromofluorobenzene	*108*		*67.0-138*		*08/28/2025 02:21*	WG2589296
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/28/2025 02:21*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:16	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:16	WG2592592
(S) o-Terphenyl	*68.7*		*18.0-148*		*09/05/2025 03:16*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 20:12	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 20:12	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 20:12	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 20:12	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 20:12	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 20:12	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 20:12	WG2592512
(S) p-Terphenyl-d14	*84.5*		*23.0-120*		*09/05/2025 20:12*	WG2592512
(S) Nitrobenzene-d5	*78.8*		*14.0-149*		*09/05/2025 20:12*	WG2592512
(S) 2-Fluorobiphenyl	*82.8*		*34.0-125*		*09/05/2025 20:12*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.111		1	08/31/2025 12:48	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 22:46	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.16		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-30 WG2591636: 8.16 at 21.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	204	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-30 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:02	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.47		0.100	5	09/13/2025 16:50	WG2590949
Barium	61.0		10.0	5	09/13/2025 16:50	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:50	WG2590949
Copper	ND		10.0	5	09/13/2025 16:50	WG2590949
Lead	ND		10.0	5	09/13/2025 16:50	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:50	WG2590949
Selenium	0.192		0.100	5	09/13/2025 16:50	WG2590949
Silver	ND		0.500	5	09/13/2025 16:50	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:50	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 02:04	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*100*		*77.0-120*		*08/29/2025 02:04*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:41	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 02:41	WG2589296
Toluene	ND		0.0100	1	08/28/2025 02:41	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:41	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:41	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 02:41	WG2589296
(S) Toluene-d8	*67.8*	J2	*75.0-131*		*08/28/2025 02:41*	WG2589296
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*08/28/2025 02:41*	WG2589296
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/28/2025 02:41*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:51	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:51	WG2592592
(S) o-Terphenyl	*77.2*		*18.0-148*		*09/05/2025 02:51*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 20:29	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 20:29	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 20:29	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 20:29	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 20:29	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 20:29	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 20:29	WG2592512
(S) p-Terphenyl-d14	*73.1*		*23.0-120*		*09/05/2025 20:29*	WG2592512
(S) Nitrobenzene-d5	*66.0*		*14.0-149*		*09/05/2025 20:29*	WG2592512
(S) 2-Fluorobiphenyl	*71.4*		*34.0-125*		*09/05/2025 20:29*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0354		1	08/31/2025 12:50	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 22:55	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.86		1	09/04/2025 22:00	WG2591628

Sample Narrative:

L1891933-31 WG2591628: 7.86 at 21.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	177	umhos/cm		10.0	1	09/05/2025 00:00	WG2591631

Sample Narrative:

L1891933-31 WG2591631: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:05	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.77		0.100	5	09/13/2025 16:53	WG2590949
Barium	40.6		10.0	5	09/13/2025 16:53	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:53	WG2590949
Copper	ND		10.0	5	09/13/2025 16:53	WG2590949
Lead	ND		10.0	5	09/13/2025 16:53	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:53	WG2590949
Selenium	0.111		0.100	5	09/13/2025 16:53	WG2590949
Silver	ND		0.500	5	09/13/2025 16:53	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:53	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 02:27	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*98.5*		*77.0-120*		*08/29/2025 02:27*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:59	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 02:59	WG2589296
Toluene	ND		0.0100	1	08/28/2025 02:59	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:59	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:59	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 02:59	WG2589296
(S) Toluene-d8	*93.3*		*75.0-131*		*08/28/2025 02:59*	WG2589296
(S) 4-Bromofluorobenzene	*91.3*		*67.0-138*		*08/28/2025 02:59*	WG2589296
(S) 1,2-Dichloroethane-d4	*123*		*70.0-130*		*08/28/2025 02:59*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:04	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:04	WG2592592
(S) o-Terphenyl	*65.8*		*18.0-148*		*09/05/2025 03:04*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 20:47	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 20:47	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 20:47	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 20:47	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 20:47	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 20:47	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 20:47	WG2592512
(S) p-Terphenyl-d14	*99.3*		*23.0-120*		*09/05/2025 20:47*	WG2592512
(S) Nitrobenzene-d5	*86.1*		*14.0-149*		*09/05/2025 20:47*	WG2592512
(S) 2-Fluorobiphenyl	*97.9*		*34.0-125*		*09/05/2025 20:47*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.631		1	08/31/2025 12:52	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 23:04	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.48		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-32 WG2591636: 8.48 at 21.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	243	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-32 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:08	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.41		0.100	5	09/13/2025 16:56	WG2590949
Barium	79.9		10.0	5	09/13/2025 16:56	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:56	WG2590949
Copper	ND		10.0	5	09/13/2025 16:56	WG2590949
Lead	ND		10.0	5	09/13/2025 16:56	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:56	WG2590949
Selenium	0.252		0.100	5	09/13/2025 16:56	WG2590949
Silver	ND		0.500	5	09/13/2025 16:56	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:56	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 02:50	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*100*		*77.0-120*		*08/29/2025 02:50*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:18	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 03:18	WG2589296
Toluene	ND		0.0100	1	08/28/2025 03:18	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:18	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:18	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 03:18	WG2589296
(S) Toluene-d8	*95.3*		*75.0-131*		*08/28/2025 03:18*	WG2589296
(S) 4-Bromofluorobenzene	*98.4*		*67.0-138*		*08/28/2025 03:18*	WG2589296
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*08/28/2025 03:18*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:16	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:16	WG2592592
(S) o-Terphenyl	*71.5*		*18.0-148*		*09/05/2025 03:16*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 21:05	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 21:05	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 21:05	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 21:05	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 21:05	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 21:05	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 21:05	WG2592512
(S) p-Terphenyl-d14	*51.9*		*23.0-120*		*09/05/2025 21:05*	WG2592512
(S) Nitrobenzene-d5	*66.1*		*14.0-149*		*09/05/2025 21:05*	WG2592512
(S) 2-Fluorobiphenyl	*67.5*		*34.0-125*		*09/05/2025 21:05*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.732		1	08/31/2025 12:54	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 23:13	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.22		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-33 WG2591636: 8.22 at 21.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	528	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-33 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:11	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.33		0.100	5	09/13/2025 16:59	WG2590949
Barium	74.7		10.0	5	09/13/2025 16:59	WG2590949
Cadmium	ND		0.100	5	09/13/2025 16:59	WG2590949
Copper	ND		10.0	5	09/13/2025 16:59	WG2590949
Lead	ND		10.0	5	09/13/2025 16:59	WG2590949
Nickel	ND		10.0	5	09/13/2025 16:59	WG2590949
Selenium	0.242		0.100	5	09/13/2025 16:59	WG2590949
Silver	ND		0.500	5	09/13/2025 16:59	WG2590949
Zinc	ND		50.0	5	09/13/2025 16:59	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 03:12	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.8*		*77.0-120*		*08/29/2025 03:12*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:37	WG2589296
Ethylbenzene	ND		0.0100	1	08/28/2025 03:37	WG2589296
Toluene	ND		0.0100	1	08/28/2025 03:37	WG2589296
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:37	WG2589296
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:37	WG2589296
Xylenes, Total	ND		0.100	1	08/28/2025 03:37	WG2589296
(S) Toluene-d8	*143*	J1	*75.0-131*		*08/28/2025 03:37*	WG2589296
(S) 4-Bromofluorobenzene	*91.4*		*67.0-138*		*08/28/2025 03:37*	WG2589296
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*08/28/2025 03:37*	WG2589296

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:29	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:29	WG2592592
(S) o-Terphenyl	*67.1*		*18.0-148*		*09/05/2025 03:29*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 21:23	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 21:23	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 21:23	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 21:23	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 21:23	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 21:23	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 21:23	WG2592512
(S) p-Terphenyl-d14	*80.1*		*23.0-120*		*09/05/2025 21:23*	WG2592512
(S) Nitrobenzene-d5	*71.7*		*14.0-149*		*09/05/2025 21:23*	WG2592512
(S) 2-Fluorobiphenyl	*79.2*		*34.0-125*		*09/05/2025 21:23*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.51		1	08/31/2025 12:55	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 23:40	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.01		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-34 WG2591636: 8.01 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1490	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-34 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:13	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.97		0.100	5	09/13/2025 17:02	WG2590949
Barium	115		10.0	5	09/13/2025 17:02	WG2590949
Cadmium	ND		0.100	5	09/13/2025 17:02	WG2590949
Copper	11.2		10.0	5	09/13/2025 17:02	WG2590949
Lead	12.5		10.0	5	09/13/2025 17:02	WG2590949
Nickel	14.9		10.0	5	09/13/2025 17:02	WG2590949
Selenium	0.475		0.100	5	09/13/2025 17:02	WG2590949
Silver	ND		0.500	5	09/13/2025 17:02	WG2590949
Zinc	59.6		50.0	5	09/13/2025 17:02	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 03:35	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*98.8*		*77.0-120*		*08/29/2025 03:35*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND	J3	0.00100	1	08/28/2025 02:07	WG2589302
Ethylbenzene	ND	J3	0.0100	1	08/28/2025 02:07	WG2589302
Toluene	ND	J3	0.0100	1	08/28/2025 02:07	WG2589302
1,2,4-Trimethylbenzene	ND	J3	0.00500	1	08/28/2025 02:07	WG2589302
1,3,5-Trimethylbenzene	ND	J3	0.00500	1	08/28/2025 02:07	WG2589302
Xylenes, Total	ND	J3	0.100	1	08/28/2025 02:07	WG2589302
(S) Toluene-d8	*104*		*75.0-131*		*08/28/2025 02:07*	WG2589302
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*08/28/2025 02:07*	WG2589302
(S) 1,2-Dichloroethane-d4	*94.4*		*70.0-130*		*08/28/2025 02:07*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:42	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:42	WG2592592
(S) o-Terphenyl	*72.9*		*18.0-148*		*09/05/2025 03:42*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 21:41	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 21:41	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 21:41	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 21:41	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 21:41	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 21:41	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 21:41	WG2592512
(S) p-Terphenyl-d14	*79.0*		*23.0-120*		*09/05/2025 21:41*	WG2592512
(S) Nitrobenzene-d5	*79.0*		*14.0-149*		*09/05/2025 21:41*	WG2592512
(S) 2-Fluorobiphenyl	*80.3*		*34.0-125*		*09/05/2025 21:41*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.58		1	08/31/2025 12:57	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/20/2025 23:58	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.38		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-35 WG2591636: 8.38 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	390	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-35 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 18:16	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.83		0.100	5	09/13/2025 17:13	WG2590949
Barium	137		10.0	5	09/13/2025 17:13	WG2590949
Cadmium	ND		0.100	5	09/13/2025 17:13	WG2590949
Copper	10.3		10.0	5	09/13/2025 17:13	WG2590949
Lead	11.6		10.0	5	09/13/2025 17:13	WG2590949
Nickel	12.6		10.0	5	09/13/2025 17:13	WG2590949
Selenium	0.561		0.100	5	09/13/2025 17:13	WG2590949
Silver	ND		0.500	5	09/13/2025 17:13	WG2590949
Zinc	53.0		50.0	5	09/13/2025 17:13	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 03:58	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.9*		*77.0-120*		*08/29/2025 03:58*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:28	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 02:28	WG2589302
Toluene	ND		0.0100	1	08/28/2025 02:28	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:28	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:28	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 02:28	WG2589302
(S) Toluene-d8	*106*		*75.0-131*		*08/28/2025 02:28*	WG2589302
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*08/28/2025 02:28*	WG2589302
(S) 1,2-Dichloroethane-d4	*93.4*		*70.0-130*		*08/28/2025 02:28*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 03:54	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 03:54	WG2592592
(S) o-Terphenyl	*69.6*		*18.0-148*		*09/05/2025 03:54*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 21:59	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 21:59	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 21:59	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 21:59	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 21:59	WG2592512
Naphthalene	0.00436		0.00300	1	09/05/2025 21:59	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 21:59	WG2592512
(S) p-Terphenyl-d14	*76.4*		*23.0-120*		*09/05/2025 21:59*	WG2592512
(S) Nitrobenzene-d5	*87.1*		*14.0-149*		*09/05/2025 21:59*	WG2592512
(S) 2-Fluorobiphenyl	*81.6*		*34.0-125*		*09/05/2025 21:59*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.431		1	08/31/2025 12:59	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.0904	.452	09/21/2025 00:07	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.33		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-36 WG2591636: 8.33 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	275	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-36 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:04	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.14		0.100	5	09/13/2025 17:16	WG2590949
Barium	144		10.0	5	09/13/2025 17:16	WG2590949
Cadmium	ND		0.100	5	09/13/2025 17:16	WG2590949
Copper	ND		10.0	5	09/13/2025 17:16	WG2590949
Lead	ND		10.0	5	09/13/2025 17:16	WG2590949
Nickel	11.1		10.0	5	09/13/2025 17:16	WG2590949
Selenium	0.369		0.100	5	09/13/2025 17:16	WG2590949
Silver	ND		0.500	5	09/13/2025 17:16	WG2590949
Zinc	ND		50.0	5	09/13/2025 17:16	WG2590949

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 04:21	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.1*		*77.0-120*		*08/29/2025 04:21*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 02:49	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 02:49	WG2589302
Toluene	ND		0.0100	1	08/28/2025 02:49	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:49	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 02:49	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 02:49	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 02:49*	WG2589302
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*08/28/2025 02:49*	WG2589302
(S) 1,2-Dichloroethane-d4	*94.3*		*70.0-130*		*08/28/2025 02:49*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 01:36	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 01:36	WG2592592
(S) o-Terphenyl	*69.4*		*18.0-148*		*09/05/2025 01:36*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 19:18	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 19:18	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 19:18	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 19:18	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 19:18	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 19:18	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 19:18	WG2592512
(S) p-Terphenyl-d14	*107*		*23.0-120*		*09/05/2025 19:18*	WG2592512
(S) Nitrobenzene-d5	*101*		*14.0-149*		*09/05/2025 19:18*	WG2592512
(S) 2-Fluorobiphenyl	*107*		*34.0-125*		*09/05/2025 19:18*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.707		1	08/31/2025 13:01	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/21/2025 00:16	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.46		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-37 WG2591636: 8.46 at 21.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	218	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-37 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:07	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.89		0.100	5	09/13/2025 14:18	WG2591224
Barium	106		10.0	5	09/13/2025 14:18	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:18	WG2591224
Copper	ND		10.0	5	09/13/2025 14:18	WG2591224
Lead	ND		10.0	5	09/13/2025 14:18	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:18	WG2591224
Selenium	0.320		0.100	5	09/13/2025 14:18	WG2591224
Silver	ND		0.500	5	09/13/2025 14:18	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:18	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 04:43	WG2589776
(S) a,a,a-Trifluorotoluene(FID)	*99.5*		*77.0-120*		*08/29/2025 04:43*	WG2589776

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:09	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 03:09	WG2589302
Toluene	ND		0.0100	1	08/28/2025 03:09	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:09	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:09	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 03:09	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 03:09*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 03:09*	WG2589302
(S) 1,2-Dichloroethane-d4	*96.1*		*70.0-130*		*08/28/2025 03:09*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 01:49	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 01:49	WG2592592
(S) o-Terphenyl	*68.2*		*18.0-148*		*09/05/2025 01:49*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 22:17	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 22:17	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 22:17	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 22:17	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 22:17	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 22:17	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 22:17	WG2592512
(S) p-Terphenyl-d14	*77.9*		*23.0-120*		*09/05/2025 22:17*	WG2592512
(S) Nitrobenzene-d5	*73.9*		*14.0-149*		*09/05/2025 22:17*	WG2592512
(S) 2-Fluorobiphenyl	*77.0*		*34.0-125*		*09/05/2025 22:17*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.395		1	08/31/2025 13:06	WG2591393

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/21/2025 00:25	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.36		1	09/03/2025 10:20	WG2591636

Sample Narrative:

L1891933-38 WG2591636: 8.36 at 21.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	247	umhos/cm		10.0	1	09/03/2025 12:05	WG2591641

Sample Narrative:

L1891933-38 WG2591641: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 17:09	WG2591402

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.63		0.100	5	09/13/2025 14:21	WG2591224
Barium	97.5		10.0	5	09/13/2025 14:21	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:21	WG2591224
Copper	ND		10.0	5	09/13/2025 14:21	WG2591224
Lead	10.1		10.0	5	09/13/2025 14:21	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:21	WG2591224
Selenium	0.371		0.100	5	09/13/2025 14:21	WG2591224
Silver	ND		0.500	5	09/13/2025 14:21	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:21	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	09/02/2025 12:41	WG2592539
(S) a,a,a-Trifluorotoluene(FID)	*98.6*		*77.0-120*		*09/02/2025 12:41*	WG2592539

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:30	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 03:30	WG2589302
Toluene	ND		0.0100	1	08/28/2025 03:30	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:30	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:30	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 03:30	WG2589302
(S) Toluene-d8	*106*		*75.0-131*		*08/28/2025 03:30*	WG2589302
(S) 4-Bromofluorobenzene	*112*		*67.0-138*		*08/28/2025 03:30*	WG2589302
(S) 1,2-Dichloroethane-d4	*98.1*		*70.0-130*		*08/28/2025 03:30*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:01	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:01	WG2592592
(S) o-Terphenyl	*67.9*		*18.0-148*		*09/05/2025 02:01*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 22:34	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 22:34	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 22:34	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 22:34	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 22:34	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 22:34	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 22:34	WG2592512
(S) p-Terphenyl-d14	*89.2*		*23.0-120*		*09/05/2025 22:34*	WG2592512
(S) Nitrobenzene-d5	*92.5*		*14.0-149*		*09/05/2025 22:34*	WG2592512
(S) 2-Fluorobiphenyl	*87.3*		*34.0-125*		*09/05/2025 22:34*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.212		1	08/31/2025 11:52	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/21/2025 00:34	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.48		1	08/31/2025 07:54	WG2583562

Sample Narrative:

L1891933-39 WG2583562: 8.48 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	184	umhos/cm		10.0	1	09/01/2025 11:58	WG2583568

Sample Narrative:

L1891933-39 WG2583568: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:13	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.96		0.100	5	09/13/2025 14:25	WG2591224
Barium	46.7		10.0	5	09/13/2025 14:25	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:25	WG2591224
Copper	ND		10.0	5	09/13/2025 14:25	WG2591224
Lead	ND		10.0	5	09/13/2025 14:25	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:25	WG2591224
Selenium	0.193		0.100	5	09/13/2025 14:25	WG2591224
Silver	ND		0.500	5	09/13/2025 14:25	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:25	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 19:30	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 19:30*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 03:51	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 03:51	WG2589302
Toluene	ND		0.0100	1	08/28/2025 03:51	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:51	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 03:51	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 03:51	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 03:51*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 03:51*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*08/28/2025 03:51*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:14	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:14	WG2592592
(S) o-Terphenyl	*70.6*		*18.0-148*		*09/05/2025 02:14*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 22:52	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 22:52	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 22:52	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 22:52	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 22:52	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 22:52	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 22:52	WG2592512
(S) p-Terphenyl-d14	*81.6*		*23.0-120*		*09/05/2025 22:52*	WG2592512
(S) Nitrobenzene-d5	*89.7*		*14.0-149*		*09/05/2025 22:52*	WG2592512
(S) 2-Fluorobiphenyl	*87.5*		*34.0-125*		*09/05/2025 22:52*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0840		1	08/31/2025 11:54	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/21/2025 00:43	WG2603778

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.57		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-40 WG2591666: 7.57 at 19.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	100	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-40 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:16	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.11		0.100	5	09/13/2025 14:34	WG2591224
Barium	33.4		10.0	5	09/13/2025 14:34	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:34	WG2591224
Copper	ND		10.0	5	09/13/2025 14:34	WG2591224
Lead	ND		10.0	5	09/13/2025 14:34	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:34	WG2591224
Selenium	0.143		0.100	5	09/13/2025 14:34	WG2591224
Silver	ND		0.500	5	09/13/2025 14:34	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:34	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 19:52	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 19:52*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 04:11	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 04:11	WG2589302
Toluene	ND		0.0100	1	08/28/2025 04:11	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:11	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:11	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 04:11	WG2589302
(S) Toluene-d8	*106*		*75.0-131*		*08/28/2025 04:11*	WG2589302
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*08/28/2025 04:11*	WG2589302
(S) 1,2-Dichloroethane-d4	*96.3*		*70.0-130*		*08/28/2025 04:11*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:26	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:26	WG2592592
(S) o-Terphenyl	*72.2*		*18.0-148*		*09/05/2025 02:26*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 23:10	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 23:10	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 23:10	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 23:10	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 23:10	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 23:10	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 23:10	WG2592512
(S) p-Terphenyl-d14	*66.7*		*23.0-120*		*09/05/2025 23:10*	WG2592512
(S) Nitrobenzene-d5	*71.4*		*14.0-149*		*09/05/2025 23:10*	WG2592512
(S) 2-Fluorobiphenyl	*65.2*		*34.0-125*		*09/05/2025 23:10*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0978		1	08/31/2025 11:56	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 02:53	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.31		1	09/10/2025 07:41	WG2591666

Sample Narrative:

L1891933-41 WG2591666: 8.31 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	215	umhos/cm		10.0	1	09/10/2025 18:30	WG2591674

Sample Narrative:

L1891933-41 WG2591674: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:19	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.48		0.100	5	09/13/2025 14:48	WG2591224
Barium	111		10.0	5	09/13/2025 14:48	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:48	WG2591224
Copper	ND		10.0	5	09/13/2025 14:48	WG2591224
Lead	ND		10.0	5	09/13/2025 14:48	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:48	WG2591224
Selenium	0.277		0.100	5	09/13/2025 14:48	WG2591224
Silver	ND		0.500	5	09/13/2025 14:48	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:48	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 20:14	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 20:14*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 04:32	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 04:32	WG2589302
Toluene	ND		0.0100	1	08/28/2025 04:32	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:32	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:32	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 04:32	WG2589302
(S) Toluene-d8	*104*		*75.0-131*		*08/28/2025 04:32*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 04:32*	WG2589302
(S) 1,2-Dichloroethane-d4	*94.6*		*70.0-130*		*08/28/2025 04:32*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:39	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:39	WG2592592
(S) o-Terphenyl	*67.7*		*18.0-148*		*09/05/2025 02:39*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 23:28	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 23:28	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 23:28	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 23:28	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 23:28	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 23:28	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 23:28	WG2592512
(S) p-Terphenyl-d14	*79.7*		*23.0-120*		*09/05/2025 23:28*	WG2592512
(S) Nitrobenzene-d5	*87.9*		*14.0-149*		*09/05/2025 23:28*	WG2592512
(S) 2-Fluorobiphenyl	*85.4*		*34.0-125*		*09/05/2025 23:28*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0565		1	08/31/2025 11:57	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 03:00	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.41		1	08/31/2025 07:54	WG2583562

Sample Narrative:

L1891933-42 WG2583562: 8.41 at 18.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	151	umhos/cm		10.0	1	09/01/2025 11:58	WG2583568

Sample Narrative:

L1891933-42 WG2583568: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:27	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.16		0.100	5	09/13/2025 14:51	WG2591224
Barium	68.1		10.0	5	09/13/2025 14:51	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:51	WG2591224
Copper	ND		10.0	5	09/13/2025 14:51	WG2591224
Lead	ND		10.0	5	09/13/2025 14:51	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:51	WG2591224
Selenium	0.208		0.100	5	09/13/2025 14:51	WG2591224
Silver	ND		0.500	5	09/13/2025 14:51	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:51	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 20:35	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 20:35*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 04:53	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 04:53	WG2589302
Toluene	ND		0.0100	1	08/28/2025 04:53	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:53	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 04:53	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 04:53	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 04:53*	WG2589302
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*08/28/2025 04:53*	WG2589302
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*08/28/2025 04:53*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 02:51	WG2592592
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 02:51	WG2592592
(S) o-Terphenyl	*72.7*		*18.0-148*		*09/05/2025 02:51*	WG2592592

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Anthracene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/05/2025 23:46	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Chrysene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Fluoranthene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Fluorene	ND		0.0330	1	09/05/2025 23:46	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/05/2025 23:46	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/05/2025 23:46	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/05/2025 23:46	WG2592512
Naphthalene	ND		0.00300	1	09/05/2025 23:46	WG2592512
Pyrene	ND		0.0330	1	09/05/2025 23:46	WG2592512
(S) p-Terphenyl-d14	*82.8*		*23.0-120*		*09/05/2025 23:46*	WG2592512
(S) Nitrobenzene-d5	*89.6*		*14.0-149*		*09/05/2025 23:46*	WG2592512
(S) 2-Fluorobiphenyl	*83.6*		*34.0-125*		*09/05/2025 23:46*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0727		1	08/31/2025 12:03	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.260	P1	0.200	1	09/22/2025 03:08	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.50		1	08/31/2025 07:54	WG2583562

Sample Narrative:

L1891933-43 WG2583562: 8.5 at 19.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	176	umhos/cm		10.0	1	09/01/2025 11:58	WG2583568

Sample Narrative:

L1891933-43 WG2583568: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:30	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	24.7		0.100	5	09/13/2025 14:54	WG2591224
Barium	120		10.0	5	09/13/2025 14:54	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:54	WG2591224
Copper	ND		10.0	5	09/13/2025 14:54	WG2591224
Lead	13.6		10.0	5	09/13/2025 14:54	WG2591224
Nickel	11.0		10.0	5	09/13/2025 14:54	WG2591224
Selenium	0.633		0.100	5	09/13/2025 14:54	WG2591224
Silver	ND		0.500	5	09/13/2025 14:54	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:54	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 20:57	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 20:57*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 05:13	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 05:13	WG2589302
Toluene	ND		0.0100	1	08/28/2025 05:13	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:13	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:13	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 05:13	WG2589302
(S) Toluene-d8	*104*		*75.0-131*		*08/28/2025 05:13*	WG2589302
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*08/28/2025 05:13*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.1*		*70.0-130*		*08/28/2025 05:13*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:42	WG2592593
C28-C36 Motor Oil Range	6.69	B	4.00	1	09/05/2025 13:42	WG2592593
(S) o-Terphenyl	*84.8*		*18.0-148*		*09/05/2025 13:42*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 00:04	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 00:04	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 00:04	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 00:04	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 00:04	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 00:04	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 00:04	WG2592512
(S) p-Terphenyl-d14	*63.4*		*23.0-120*		*09/06/2025 00:04*	WG2592512
(S) Nitrobenzene-d5	*66.1*		*14.0-149*		*09/06/2025 00:04*	WG2592512
(S) 2-Fluorobiphenyl	*60.5*		*34.0-125*		*09/06/2025 00:04*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.152		1	08/31/2025 12:04	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 03:23	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.37		1	09/01/2025 17:55	WG2591621

Sample Narrative:

L1891933-44 WG2591621: 8.37 at 22.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	154	umhos/cm		10.0	1	09/02/2025 14:38	WG2591625

Sample Narrative:

L1891933-44 WG2591625: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:33	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.26		0.100	5	09/13/2025 14:57	WG2591224
Barium	46.9		10.0	5	09/13/2025 14:57	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:57	WG2591224
Copper	ND		10.0	5	09/13/2025 14:57	WG2591224
Lead	ND		10.0	5	09/13/2025 14:57	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:57	WG2591224
Selenium	0.172		0.100	5	09/13/2025 14:57	WG2591224
Silver	ND		0.500	5	09/13/2025 14:57	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:57	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 21:18	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 21:18*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 05:34	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 05:34	WG2589302
Toluene	ND		0.0100	1	08/28/2025 05:34	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:34	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:34	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 05:34	WG2589302
(S) Toluene-d8	*103*		*75.0-131*		*08/28/2025 05:34*	WG2589302
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*08/28/2025 05:34*	WG2589302
(S) 1,2-Dichloroethane-d4	*91.8*		*70.0-130*		*08/28/2025 05:34*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 15:07	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 15:07	WG2592593
(S) o-Terphenyl	*93.5*		*18.0-148*		*09/05/2025 15:07*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 00:22	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 00:22	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 00:22	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 00:22	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 00:22	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 00:22	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 00:22	WG2592512
(S) p-Terphenyl-d14	*63.3*		*23.0-120*		*09/06/2025 00:22*	WG2592512
(S) Nitrobenzene-d5	*65.3*		*14.0-149*		*09/06/2025 00:22*	WG2592512
(S) 2-Fluorobiphenyl	*60.6*		*34.0-125*		*09/06/2025 00:22*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.206		1	08/31/2025 12:06	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:17	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.80		1	09/01/2025 17:55	WG2591621

Sample Narrative:

L1891933-45 WG2591621: 7.8 at 22.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	265	umhos/cm		10.0	1	09/02/2025 14:38	WG2591625

Sample Narrative:

L1891933-45 WG2591625: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:36	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.96		0.100	5	09/13/2025 15:00	WG2591224
Barium	45.7		10.0	5	09/13/2025 15:00	WG2591224
Cadmium	ND		0.100	5	09/13/2025 15:00	WG2591224
Copper	ND		10.0	5	09/13/2025 15:00	WG2591224
Lead	ND		10.0	5	09/13/2025 15:00	WG2591224
Nickel	ND		10.0	5	09/13/2025 15:00	WG2591224
Selenium	0.177		0.100	5	09/13/2025 15:00	WG2591224
Silver	ND		0.500	5	09/13/2025 15:00	WG2591224
Zinc	ND		50.0	5	09/13/2025 15:00	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 22:12	WG2590894
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*08/29/2025 22:12*	WG2590894

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 05:55	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 05:55	WG2589302
Toluene	ND		0.0100	1	08/28/2025 05:55	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:55	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 05:55	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 05:55	WG2589302
(S) Toluene-d8	*102*		*75.0-131*		*08/28/2025 05:55*	WG2589302
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*08/28/2025 05:55*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*08/28/2025 05:55*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 13:55	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 13:55	WG2592593
(S) o-Terphenyl	*92.0*		*18.0-148*		*09/05/2025 13:55*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 00:39	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 00:39	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 00:39	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 00:39	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 00:39	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 00:39	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 00:39	WG2592512
(S) p-Terphenyl-d14	*78.7*		*23.0-120*		*09/06/2025 00:39*	WG2592512
(S) Nitrobenzene-d5	*77.9*		*14.0-149*		*09/06/2025 00:39*	WG2592512
(S) 2-Fluorobiphenyl	*73.7*		*34.0-125*		*09/06/2025 00:39*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.129		1	08/31/2025 12:08	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:25	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.39		1	09/01/2025 17:55	WG2591621

Sample Narrative:

L1891933-46 WG2591621: 8.39 at 22C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	175	umhos/cm		10.0	1	09/02/2025 14:38	WG2591625

Sample Narrative:

L1891933-46 WG2591625: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:39	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.18		0.100	5	09/13/2025 15:03	WG2591224
Barium	119		10.0	5	09/13/2025 15:03	WG2591224
Cadmium	ND		0.100	5	09/13/2025 15:03	WG2591224
Copper	ND		10.0	5	09/13/2025 15:03	WG2591224
Lead	ND		10.0	5	09/13/2025 15:03	WG2591224
Nickel	ND		10.0	5	09/13/2025 15:03	WG2591224
Selenium	0.279		0.100	5	09/13/2025 15:03	WG2591224
Silver	ND		0.500	5	09/13/2025 15:03	WG2591224
Zinc	ND		50.0	5	09/13/2025 15:03	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 17:38	WG2590901
(S) a,a,a-Trifluorotoluene(FID)	*95.7*		*77.0-120*		*08/29/2025 17:38*	WG2590901

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 06:15	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 06:15	WG2589302
Toluene	ND		0.0100	1	08/28/2025 06:15	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:15	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:15	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 06:15	WG2589302
(S) Toluene-d8	*104*		*75.0-131*		*08/28/2025 06:15*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 06:15*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.2*		*70.0-130*		*08/28/2025 06:15*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:12	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 14:12	WG2592593
(S) o-Terphenyl	*83.6*		*18.0-148*		*09/05/2025 14:12*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 00:57	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 00:57	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 00:57	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 00:57	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 00:57	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 00:57	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 00:57	WG2592512
(S) p-Terphenyl-d14	*76.0*		*23.0-120*		*09/06/2025 00:57*	WG2592512
(S) Nitrobenzene-d5	*72.4*		*14.0-149*		*09/06/2025 00:57*	WG2592512
(S) 2-Fluorobiphenyl	*70.7*		*34.0-125*		*09/06/2025 00:57*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.137		1	08/31/2025 12:10	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:32	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.21		1	09/01/2025 19:20	WG2591619

Sample Narrative:

L1891933-47 WG2591619: 8.21 at 22.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	320	umhos/cm		10.0	1	09/01/2025 22:30	WG2591620

Sample Narrative:

L1891933-47 WG2591620: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:42	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.48		0.100	5	09/13/2025 15:07	WG2591224
Barium	93.5		10.0	5	09/13/2025 15:07	WG2591224
Cadmium	ND		0.100	5	09/13/2025 15:07	WG2591224
Copper	ND		10.0	5	09/13/2025 15:07	WG2591224
Lead	ND		10.0	5	09/13/2025 15:07	WG2591224
Nickel	ND		10.0	5	09/13/2025 15:07	WG2591224
Selenium	0.464		0.100	5	09/13/2025 15:07	WG2591224
Silver	ND		0.500	5	09/13/2025 15:07	WG2591224
Zinc	ND		50.0	5	09/13/2025 15:07	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 17:58	WG2590901
(S) a,a,a-Trifluorotoluene(FID)	*95.2*		*77.0-120*		*08/29/2025 17:58*	WG2590901

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 06:36	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 06:36	WG2589302
Toluene	ND		0.0100	1	08/28/2025 06:36	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:36	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:36	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 06:36	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 06:36*	WG2589302
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*08/28/2025 06:36*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*08/28/2025 06:36*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:26	WG2592593
C28-C36 Motor Oil Range	4.40	B	4.00	1	09/05/2025 14:26	WG2592593
(S) o-Terphenyl	*75.6*		*18.0-148*		*09/05/2025 14:26*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 01:15	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 01:15	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 01:15	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 01:15	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 01:15	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 01:15	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 01:15	WG2592512
(S) p-Terphenyl-d14	*84.0*		*23.0-120*		*09/06/2025 01:15*	WG2592512
(S) Nitrobenzene-d5	*79.4*		*14.0-149*		*09/06/2025 01:15*	WG2592512
(S) 2-Fluorobiphenyl	*77.1*		*34.0-125*		*09/06/2025 01:15*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.12		1	08/31/2025 12:11	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:40	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.57		1	09/01/2025 19:20	WG2591619

Sample Narrative:

L1891933-48 WG2591619: 8.57 at 22.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	422	umhos/cm		10.0	1	09/01/2025 22:30	WG2591620

Sample Narrative:

L1891933-48 WG2591620: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:44	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.8		0.100	5	09/13/2025 15:10	WG2591224
Barium	167		10.0	5	09/13/2025 15:10	WG2591224
Cadmium	ND		0.100	5	09/13/2025 15:10	WG2591224
Copper	10.4		10.0	5	09/13/2025 15:10	WG2591224
Lead	11.1		10.0	5	09/13/2025 15:10	WG2591224
Nickel	12.4		10.0	5	09/13/2025 15:10	WG2591224
Selenium	0.561		0.100	5	09/13/2025 15:10	WG2591224
Silver	ND		0.500	5	09/13/2025 15:10	WG2591224
Zinc	51.9		50.0	5	09/13/2025 15:10	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 18:43	WG2590901
(S) a,a,a-Trifluorotoluene(FID)	*98.1*		*77.0-120*		*08/29/2025 18:43*	WG2590901

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 06:57	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 06:57	WG2589302
Toluene	ND		0.0100	1	08/28/2025 06:57	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:57	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 06:57	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 06:57	WG2589302
(S) Toluene-d8	*107*		*75.0-131*		*08/28/2025 06:57*	WG2589302
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*08/28/2025 06:57*	WG2589302
(S) 1,2-Dichloroethane-d4	*97.1*		*70.0-130*		*08/28/2025 06:57*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:12	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 14:12	WG2592593
(S) o-Terphenyl	*74.0*		*18.0-148*		*09/05/2025 14:12*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Anthracene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Benzo(a)anthracene	ND		0.00600	1	09/06/2025 01:33	WG2592512
Benzo(b)fluoranthene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Benzo(k)fluoranthene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Benzo(a)pyrene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Chrysene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Dibenz(a,h)anthracene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Fluoranthene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Fluorene	ND		0.0330	1	09/06/2025 01:33	WG2592512
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/06/2025 01:33	WG2592512
1-Methylnaphthalene	ND		0.00300	1	09/06/2025 01:33	WG2592512
2-Methylnaphthalene	ND		0.0120	1	09/06/2025 01:33	WG2592512
Naphthalene	ND		0.00300	1	09/06/2025 01:33	WG2592512
Pyrene	ND		0.0330	1	09/06/2025 01:33	WG2592512
(S) p-Terphenyl-d14	*85.3*		*23.0-120*		*09/06/2025 01:33*	WG2592512
(S) Nitrobenzene-d5	*89.1*		*14.0-149*		*09/06/2025 01:33*	WG2592512
(S) 2-Fluorobiphenyl	*81.5*		*34.0-125*		*09/06/2025 01:33*	WG2592512

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.943		1	08/31/2025 12:13	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:47	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.55		1	09/01/2025 19:20	WG2591619

Sample Narrative:

L1891933-49 WG2591619: 8.55 at 22.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	269	umhos/cm		10.0	1	09/01/2025 22:30	WG2591620

Sample Narrative:

L1891933-49 WG2591620: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	09/04/2025 16:47	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.85		0.100	5	09/13/2025 14:03	WG2591224
Barium	187		10.0	5	09/13/2025 14:03	WG2591224
Cadmium	ND		0.100	5	09/13/2025 14:03	WG2591224
Copper	ND		10.0	5	09/13/2025 14:03	WG2591224
Lead	ND		10.0	5	09/13/2025 14:03	WG2591224
Nickel	ND		10.0	5	09/13/2025 14:03	WG2591224
Selenium	0.276		0.100	5	09/13/2025 14:03	WG2591224
Silver	ND		0.500	5	09/13/2025 14:03	WG2591224
Zinc	ND		50.0	5	09/13/2025 14:03	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 19:05	WG2590901
(S) a,a,a-Trifluorotoluene(FID)	*95.6*		*77.0-120*		*08/29/2025 19:05*	WG2590901

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 07:17	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 07:17	WG2589302
Toluene	ND		0.0100	1	08/28/2025 07:17	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 07:17	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 07:17	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 07:17	WG2589302
(S) Toluene-d8	*103*		*75.0-131*		*08/28/2025 07:17*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 07:17*	WG2589302
(S) 1,2-Dichloroethane-d4	*92.6*		*70.0-130*		*08/28/2025 07:17*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:26	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 14:26	WG2592593
(S) o-Terphenyl	*89.9*		*18.0-148*		*09/05/2025 14:26*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Anthracene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Benzo(a)anthracene	ND		0.00600	1	09/04/2025 18:39	WG2592513
Benzo(b)fluoranthene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Benzo(k)fluoranthene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Benzo(a)pyrene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Chrysene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Dibenz(a,h)anthracene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Fluoranthene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Fluorene	ND		0.0330	1	09/04/2025 18:39	WG2592513
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/04/2025 18:39	WG2592513
1-Methylnaphthalene	ND		0.00300	1	09/04/2025 18:39	WG2592513
2-Methylnaphthalene	ND		0.0120	1	09/04/2025 18:39	WG2592513
Naphthalene	ND		0.00300	1	09/04/2025 18:39	WG2592513
Pyrene	ND		0.0330	1	09/04/2025 18:39	WG2592513
(S) p-Terphenyl-d14	*78.3*		*23.0-120*		*09/04/2025 18:39*	WG2592513
(S) Nitrobenzene-d5	*93.9*		*14.0-149*		*09/04/2025 18:39*	WG2592513
(S) 2-Fluorobiphenyl	*89.7*		*34.0-125*		*09/04/2025 18:39*	WG2592513

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.83		1	08/31/2025 12:15	WG2591394

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	09/22/2025 04:55	WG2603781

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.70		1	09/02/2025 13:27	WG2591613

Sample Narrative:

L1891933-50 WG2591613: 8.7 at 22.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	396	umhos/cm		10.0	1	09/02/2025 22:20	WG2591618

Sample Narrative:

L1891933-50 WG2591618: at 25C

Metals (ICP) by Method 6010D (S-7.10)

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.430		0.100	1	09/04/2025 16:50	WG2591403

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.06		0.100	5	09/13/2025 15:13	WG2591224
Barium	30.2		10.0	5	09/13/2025 15:13	WG2591224
Cadmium	ND		0.100	5	09/13/2025 15:13	WG2591224
Copper	ND		10.0	5	09/13/2025 15:13	WG2591224
Lead	ND		10.0	5	09/13/2025 15:13	WG2591224
Nickel	ND		10.0	5	09/13/2025 15:13	WG2591224
Selenium	0.132		0.100	5	09/13/2025 15:13	WG2591224
Silver	ND		0.500	5	09/13/2025 15:13	WG2591224
Zinc	ND		50.0	5	09/13/2025 15:13	WG2591224

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.50	25	08/29/2025 23:19	WG2590901
(S) a,a,a-Trifluorotoluene(FID)	*98.4*		*77.0-120*		*08/29/2025 23:19*	WG2590901

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/28/2025 07:38	WG2589302
Ethylbenzene	ND		0.0100	1	08/28/2025 07:38	WG2589302
Toluene	ND		0.0100	1	08/28/2025 07:38	WG2589302
1,2,4-Trimethylbenzene	ND		0.00500	1	08/28/2025 07:38	WG2589302
1,3,5-Trimethylbenzene	ND		0.00500	1	08/28/2025 07:38	WG2589302
Xylenes, Total	ND		0.100	1	08/28/2025 07:38	WG2589302
(S) Toluene-d8	*105*		*75.0-131*		*08/28/2025 07:38*	WG2589302
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*08/28/2025 07:38*	WG2589302
(S) 1,2-Dichloroethane-d4	*94.6*		*70.0-130*		*08/28/2025 07:38*	WG2589302

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	09/05/2025 14:40	WG2592593
C28-C36 Motor Oil Range	ND		4.00	1	09/05/2025 14:40	WG2592593
(S) o-Terphenyl	*85.5*		*18.0-148*		*09/05/2025 14:40*	WG2592593

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Anthracene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Benzo(a)anthracene	ND		0.00600	1	09/04/2025 19:32	WG2592513
Benzo(b)fluoranthene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Benzo(k)fluoranthene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Benzo(a)pyrene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Chrysene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Dibenz(a,h)anthracene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Fluoranthene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Fluorene	ND		0.0330	1	09/04/2025 19:32	WG2592513
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	09/04/2025 19:32	WG2592513
1-Methylnaphthalene	ND		0.00300	1	09/04/2025 19:32	WG2592513
2-Methylnaphthalene	ND		0.0120	1	09/04/2025 19:32	WG2592513
Naphthalene	ND		0.00300	1	09/04/2025 19:32	WG2592513
Pyrene	ND		0.0330	1	09/04/2025 19:32	WG2592513
(S) p-Terphenyl-d14	*86.3*		*23.0-120*		*09/04/2025 19:32*	WG2592513
(S) Nitrobenzene-d5	*98.8*		*14.0-149*		*09/04/2025 19:32*	WG2592513
(S) 2-Fluorobiphenyl	*95.4*		*34.0-125*		*09/04/2025 19:32*	WG2592513

Method Blank (MB)

(MB) R4276975-1 09/20/25 21:50

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

L1891933-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-07 09/20/25 23:02 • (DUP) R4276975-3 09/20/25 23:11

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

L1891933-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-14 09/21/25 00:31 • (DUP) R4276975-4 09/21/25 00:40

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

Laboratory Control Sample (LCS)

(LCS) R4276975-2 09/20/25 21:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	12.5	125	80.0-120	J4

L1891933-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-16 09/21/25 00:58 • (MS) R4276975-5 09/21/25 01:25 • (MSD) R4276975-6 09/21/25 01:34

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	20.0	ND	25.0	26.6	125	133	1	75.0-125		J5	6.18	20

L1891933-16 Original Sample (OS) • Matrix Spike (MS)

(OS) L1891933-16 09/21/25 00:58 • (MS) R4276975-7 09/21/25 01:43

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	648	ND	867	134	50	75.0-125	J5

Method Blank (MB)

(MB) R4277495-1 09/20/25 20:05

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

L1891933-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-25 09/20/25 20:58 • (DUP) R4277495-3 09/20/25 21:07

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

L1891933-34 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-34 09/20/25 23:40 • (DUP) R4277495-8 09/20/25 23:49

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

Laboratory Control Sample (LCS)

(LCS) R4277495-2 09/20/25 20:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.21	92.1	80.0-120	

L1891933-28 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-28 09/20/25 21:52 • (MS) R4277495-4 09/20/25 22:01 • (MSD) R4277495-5 09/20/25 22:10

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	20.0	ND	17.7	16.8	88.7	84.0	1	75.0-125			5.50	20

L1891933-28 Original Sample (OS) • Matrix Spike (MS)

(OS) L1891933-28 09/20/25 21:52 • (MS) R4277495-6 09/20/25 22:19

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	636	ND	571	89.8	50	75.0-125	

Method Blank (MB)

(MB) R4276777-1 09/22/25 02:38

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

L1891933-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-43 09/22/25 03:08 • (DUP) R4276777-3 09/22/25 03:16

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	0.260	ND	1	200	P1	20

L1892650-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1892650-17 09/22/25 05:18 • (DUP) R4276777-8 09/22/25 05:41

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	0.225	0.255	1	12.4		20

Laboratory Control Sample (LCS)

(LCS) R4276777-2 09/22/25 02:45

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	

L1891933-44 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-44 09/22/25 03:23 • (MS) R4276777-4 09/22/25 03:31 • (MSD) R4276777-5 09/22/25 03:39

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	20.0	ND	19.8	21.0	99.1	105	1	75.0-125			5.86	20

L1891933-44 Original Sample (OS) • Matrix Spike (MS)

(OS) L1891933-44 09/22/25 03:23 • (MS) R4276777-6 09/22/25 03:46

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	654	ND	712	109	50	75.0-125	

L1886140-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1886140-02 08/31/25 07:54 • (DUP) R4266738-2 08/31/25 07:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.10	8.10	1	0.000		1

Sample Narrative:

OS: 8.1 at 18.9C

DUP: 8.1 at 18.8C

L1892208-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1892208-01 08/31/25 07:54 • (DUP) R4266738-3 08/31/25 07:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.38	8.38	1	0.000		1

Sample Narrative:

OS: 8.38 at 18.8C

DUP: 8.38 at 18.7C

Laboratory Control Sample (LCS)

(LCS) R4266738-1 08/31/25 07:54

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

Sample Narrative:

LCS: 10.02 at 18.8C

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

L1891426-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1891426-02 09/02/25 13:27 • (DUP) R4267501-2 09/02/25 13:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.50	8.49	1	0.118		1

Sample Narrative:

OS: 8.5 at 22.5C

DUP: 8.49 at 22.6C

L1893132-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-31 09/02/25 13:27 • (DUP) R4267501-3 09/02/25 13:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.13	7.18	1	0.699		1

Sample Narrative:

OS: 7.13 at 22.5C

DUP: 7.18 at 22.7C

Laboratory Control Sample (LCS)

(LCS) R4267501-1 09/02/25 13:27

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.96	99.6	99.0-101	

Sample Narrative:

LCS: 9.96 at 22.5C

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

L1889495-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1889495-15 09/01/25 19:20 • (DUP) R4267213-2 09/01/25 19:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.27	8.28	1	0.121		1

Sample Narrative:

OS: 8.27 at 23.1C

DUP: 8.28 at 23.5C

L1893132-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-26 09/01/25 19:20 • (DUP) R4267213-3 09/01/25 19:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.35	7.37	1	0.272		1

Sample Narrative:

OS: 7.35 at 22.1C

DUP: 7.37 at 22.6C

Laboratory Control Sample (LCS)

(LCS) R4267213-1 09/01/25 19:20

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

Sample Narrative:

LCS: 9.97 at 22.2C

L1891442-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1891442-01 09/01/25 17:55 • (DUP) R4267212-2 09/01/25 17:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	9.47	9.47	1	0.000		1

Sample Narrative:

OS: 9.47 at 23.1C

DUP: 9.47 at 23.5C

L1893132-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-08 09/01/25 17:55 • (DUP) R4267212-3 09/01/25 17:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.66	7.68	1	0.261		1

Sample Narrative:

OS: 7.66 at 21.9C

DUP: 7.68 at 22.4C

Laboratory Control Sample (LCS)

(LCS) R4267212-1 09/01/25 17:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 22.9C

L1891473-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1891473-01 09/04/25 22:00 • (DUP) R4269013-2 09/04/25 22:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.00	7.99	1	0.125		1

Sample Narrative:

OS: 8 at 23.2C

DUP: 7.99 at 23.7C

L1891933-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-31 09/04/25 22:00 • (DUP) R4269013-3 09/04/25 22:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.86	7.86	1	0.000		1

Sample Narrative:

OS: 7.86 at 21.8C

DUP: 7.86 at 22.2C

Laboratory Control Sample (LCS)

(LCS) R4269013-1 09/04/25 22:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 22.8C

L1891907-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1891907-01 09/03/25 10:20 • (DUP) R4267990-2 09/03/25 10:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	9.21	9.21	1	0.000		1

Sample Narrative:

OS: 9.21 at 21.6C

DUP: 9.21 at 21.4C

L1893077-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1893077-04 09/03/25 10:20 • (DUP) R4267990-3 09/03/25 10:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.32	8.32	1	0.000		1

Sample Narrative:

OS: 8.32 at 21.4C

DUP: 8.32 at 21.4C

Laboratory Control Sample (LCS)

(LCS) R4267990-1 09/03/25 10:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 21.1C

L1891921-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1891921-06 09/10/25 07:41 • (DUP) R4271363-2 09/10/25 07:41

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.93	7.92	1	0.126		1

Sample Narrative:

OS: 7.93 at 19.5C

DUP: 7.92 at 19.4C

L1891933-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-41 09/10/25 07:41 • (DUP) R4271363-3 09/10/25 07:41

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.31	8.32	1	0.120		1

Sample Narrative:

OS: 8.31 at 19.5C

DUP: 8.32 at 19.7C

Laboratory Control Sample (LCS)

(LCS) R4271363-1 09/10/25 07:41

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

Sample Narrative:

LCS: 10.02 at 19.3C

Method Blank (MB)

(MB) R4267041-1 09/01/25 11:58

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

Sample Narrative:
BLANK: at 25C

L1886140-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1886140-02 09/01/25 11:58 • (DUP) R4267041-3 09/01/25 11:58

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	5520	5450	1	1.28		20

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

L1892208-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1892208-01 09/01/25 11:58 • (DUP) R4267041-4 09/01/25 11:58

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	794	784	1	1.27		20

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

Laboratory Control Sample (LCS)

(LCS) R4267041-2 09/01/25 11:58

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	561	96.6	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4267876-1 09/02/25 22:20

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

Sample Narrative:
BLANK: at 25C

L1891426-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1891426-02 09/02/25 22:20 • (DUP) R4267876-3 09/02/25 22:20

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	2160	2170	1	0.601		20

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

L1893132-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-31 09/02/25 22:20 • (DUP) R4267876-4 09/02/25 22:20

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	486	485	1	0.206		20

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

Laboratory Control Sample (LCS)

(LCS) R4267876-2 09/02/25 22:20

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	574	98.8	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4267239-1 09/01/25 22:30

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

Sample Narrative:
BLANK: at 25C

L1889495-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1889495-15 09/01/25 22:30 • (DUP) R4267239-3 09/01/25 22:30

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	309	308	1	0.324		20

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

L1893132-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-26 09/01/25 22:30 • (DUP) R4267239-4 09/01/25 22:30

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	648	647	1	0.154		20

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

Laboratory Control Sample (LCS)

(LCS) R4267239-2 09/01/25 22:30

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	590	102	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4267546-1 09/02/25 14:38

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

Sample Narrative:
BLANK: at 25C

L1891442-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1891442-01 09/02/25 14:38 • (DUP) R4267546-3 09/02/25 14:38

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	1170	1170	1	0.428		20

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

L1893132-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1893132-08 09/02/25 14:38 • (DUP) R4267546-4 09/02/25 14:38

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	845	837	1	0.951		20

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

Laboratory Control Sample (LCS)

(LCS) R4267546-2 09/02/25 14:38

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	579	99.7	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4269039-1 09/05/25 00:00

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

Sample Narrative:
BLANK: at 25C

L1891473-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1891473-02 09/05/25 00:00 • (DUP) R4269039-3 09/05/25 00:00

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	144	144	1	0.487		20

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

L1891933-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-24 09/05/25 00:00 • (DUP) R4269039-4 09/05/25 00:00

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	309	307	1	0.649		20

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

Laboratory Control Sample (LCS)

(LCS) R4269039-2 09/05/25 00:00

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	576	99.1	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4268004-1 09/03/25 12:05

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

Sample Narrative:
BLANK: at 25C

L1891933-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-19 09/03/25 12:05 • (DUP) R4268004-3 09/03/25 12:05

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	276	273	1	1.17		20

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

L1891933-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1891933-38 09/03/25 12:05 • (DUP) R4268004-4 09/03/25 12:05

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	247	243	1	1.43		20

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

Laboratory Control Sample (LCS)

(LCS) R4268004-2 09/03/25 12:05

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	577	99.3	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4271608-1 09/10/25 18:30

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

Sample Narrative:
BLANK: at 25C

L1891921-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1891921-06 09/10/25 18:30 • (DUP) R4271608-3 09/10/25 18:30

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	269	269	1	0.149		20

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

L1892208-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1892208-02 09/10/25 18:30 • (DUP) R4271608-4 09/10/25 18:30

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	1770	1770	1	0.169		20

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

Laboratory Control Sample (LCS)

(LCS) R4271608-2 09/10/25 18:30

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	558	96.0	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4268924-1 09/04/25 15:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	ND		0.0199	0.100

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

(LCS) R4268924-2 09/04/25 15:40 • (LCSD) R4268924-3 09/04/25 15:43

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	0.984	1.01	98.4	101	80.0-120			3.03	20

Method Blank (MB)

(MB) R4268932-1 09/04/25 17:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	ND		0.0199	0.100

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

(LCS) R4268932-2 09/04/25 17:21 • (LCSD) R4268932-3 09/04/25 17:24

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	1.00	1.01	100	101	80.0-120			1.32	20

Method Blank (MB)

(MB) R4268931-1 09/04/25 15:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	ND		0.0199	0.100

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

(LCS) R4268931-2 09/04/25 15:57 • (LCSD) R4268931-3 09/04/25 15:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.986	1.03	98.6	103	80.0-120			3.91	20

QUALITY CONTROL SUMMARY

L1891933-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R4273140-1 09/14/25 22:07

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

Laboratory Control Sample (LCS)

(LCS) R4273140-2 09/14/25 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	104	104	80.0-120	
Barium	100	101	101	80.0-120	
Cadmium	100	103	103	80.0-120	
Copper	100	100	100	80.0-120	
Lead	100	99.7	99.7	80.0-120	
Nickel	100	106	106	80.0-120	
Selenium	100	101	101	80.0-120	
Silver	20.0	20.6	103	80.0-120	
Zinc	100	103	103	80.0-120	

L1891933-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-08 09/14/25 22:14 • (MS) R4273140-5 09/14/25 22:24 • (MSD) R4273140-6 09/14/25 22:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	1.74	109	101	107	99.5	5	75.0-125			7.10	20
Barium	100	22.7	142	124	119	101	5	75.0-125			13.5	20
Cadmium	100	ND	106	99.5	106	99.5	5	75.0-125			6.65	20
Copper	100	ND	105	98.7	105	98.7	5	75.0-125			6.61	20
Lead	100	ND	106	99.4	106	99.4	5	75.0-125			6.89	20
Nickel	100	ND	111	104	111	104	5	75.0-125			6.84	20
Selenium	100	0.131	108	100	108	100	5	75.0-125			7.41	20
Silver	20.0	ND	21.3	19.9	107	99.3	5	75.0-125			7.11	20
Zinc	100	ND	116	107	116	107	5	75.0-125			7.92	20

Method Blank (MB)

(MB) R4272736-7 09/12/25 21:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Cadmium	ND		0.100	0.100
Lead	ND		10.0	10.0

Method Blank (MB)

(MB) R4272927-1 09/13/25 15:57

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

Laboratory Control Sample (LCS)

(LCS) R4272736-2 09/12/25 20:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cadmium	100	97.1	97.1	80.0-120	
Lead	100	98.9	98.9	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4272927-2 09/13/25 16:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	106	106	80.0-120	
Barium	100	102	102	80.0-120	
Copper	100	108	108	80.0-120	
Nickel	100	106	106	80.0-120	
Selenium	100	104	104	80.0-120	
Silver	20.0	20.5	103	80.0-120	
Zinc	100	103	103	80.0-120	

L1891933-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-29 09/12/25 20:27 • (MS) R4272736-5 09/12/25 20:37 • (MSD) R4272736-6 09/12/25 21:12

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 %
Cadmium	100	ND	86.0	83.5	86.0	83.5	5	75.0-125			3.01	20
Lead	100	ND	94.1	91.5	88.1	85.4	5	75.0-125			2.83	20

L1891933-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-29 09/13/25 16:03 • (MS) R4272927-5 09/13/25 16:13 • (MSD) R4272927-6 09/13/25 16:16

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	3.46	96.6	91.4	93.1	87.9	5	75.0-125			5.51	20
Barium	100	67.0	177	173	110	106	5	75.0-125			2.55	20
Copper	100	ND	96.9	94.9	92.7	90.7	5	75.0-125			2.02	20
Nickel	100	ND	98.1	93.8	92.0	87.7	5	75.0-125			4.50	20
Selenium	100	0.234	91.6	89.9	91.3	89.7	5	75.0-125			1.80	20
Silver	20.0	ND	17.9	17.7	89.7	88.4	5	75.0-125			1.40	20
Zinc	100	ND	116	112	90.7	87.4	5	75.0-125			2.82	20

QUALITY CONTROL SUMMARY

L1891933-37,38,39,40,41,42,43,44,45,46,47,48,49,50

Method Blank (MB)

(MB) R4272893-1 09/13/25 13:57

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

Laboratory Control Sample (LCS)

(LCS) R4272893-2 09/13/25 14:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	93.7	93.7	80.0-120	
Barium	100	93.5	93.5	80.0-120	
Cadmium	100	95.8	95.8	80.0-120	
Copper	100	96.5	96.5	80.0-120	
Lead	100	88.5	88.5	80.0-120	
Nickel	100	95.9	95.9	80.0-120	
Selenium	100	92.5	92.5	80.0-120	
Silver	20.0	18.9	94.3	80.0-120	
Zinc	100	92.7	92.7	80.0-120	

L1891933-49 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-49 09/13/25 14:03 • (MS) R4272893-5 09/13/25 14:12 • (MSD) R4272893-6 09/13/25 14:15

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	5.85	108	109	102	103	5	75.0-125			0.908	20
Barium	100	187	180	202	0.000	15.5	5	75.0-125	J6	J6	11.5	20
Cadmium	100	ND	101	99.9	101	99.9	5	75.0-125			0.736	20
Copper	100	ND	106	105	106	105	5	75.0-125			1.61	20
Lead	100	ND	102	103	102	103	5	75.0-125			0.989	20
Nickel	100	ND	109	106	109	106	5	75.0-125			2.86	20
Selenium	100	0.276	97.7	101	97.4	100	5	75.0-125			3.08	20
Silver	20.0	ND	19.9	20.1	99.4	100	5	75.0-125			1.07	20
Zinc	100	ND	133	129	133	129	5	75.0-125	J5	J5	2.88	20

Method Blank (MB)

(MB) R4267319-2 08/28/25 11:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4267319-1 08/28/25 09:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.23	84.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*77.0-120*	

L1891933-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-01 08/28/25 11:48 • (MS) R4267319-3 08/28/25 19:04 • (MSD) R4267319-4 08/28/25 19:26

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	125	ND	111	108	88.8	86.4	25	10.0-151			2.74	28
(S) a,a,a-Trifluorotoluene(FID)					*108*	*108*		*77.0-120*				

Method Blank (MB)

(MB) R4266224-3 08/28/25 18:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*97.9*			*77.0-120*

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

(LCS) R4266224-1 08/28/25 16:33 • (LCSD) R4266224-2 08/28/25 16:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	5.67	5.65	113	113	72.0-127			0.353	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*106*	*77.0-120*				

L1891512-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891512-03 08/28/25 19:11 • (MS) R4266224-4 08/28/25 22:58 • (MSD) R4266224-5 08/28/25 23:21

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 %
TPH (GC/FID) Low Fraction	125	ND	129	134	103	107	25	10.0-151			3.80	28
(S) a,a,a-Trifluorotoluene(FID)					*105*	*106*		*77.0-120*				

Method Blank (MB)

(MB) R4266387-2 08/29/25 13:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4266387-1 08/29/25 11:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.18	83.6	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*77.0-120*	

L1891933-40 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-40 08/29/25 19:52 • (MS) R4266387-3 08/29/25 22:35 • (MSD) R4266387-4 08/29/25 22:57

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 %
TPH (GC/FID) Low Fraction	125	ND	153	142	122	114	25	10.0-151			7.46	28
(S) a,a,a-Trifluorotoluene(FID)					*113*	*111*		*77.0-120*				

Method Blank (MB)

(MB) R4266905-2 08/29/25 12:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*97.4*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4266905-1 08/29/25 11:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.82	96.4	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*77.0-120*	

L1891901-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891901-01 08/29/25 16:59 • (MS) R4266905-3 08/29/25 23:46 • (MSD) R4266905-4 08/30/25 00:08

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 %
TPH (GC/FID) Low Fraction	125	ND	127	130	102	104	25	10.0-151			2.33	28
(S) a,a,a-Trifluorotoluene(FID)					*110*	*109*		*77.0-120*				

Method Blank (MB)

(MB) R4267851-3 09/02/25 12:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*98.6*			*77.0-120*

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

(LCS) R4267851-1 09/02/25 10:54 • (LCSD) R4267851-2 09/02/25 11:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.00	4.45	5.17	89.0	103	72.0-127			15.0	20
(S) a,a,a-Trifluorotoluene(FID)				*106*	*106*	*77.0-120*				

Method Blank (MB)

(MB) R4266060-3 08/27/25 19:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND		0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND		0.100	0.100
(S) Toluene-d8	*96.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*

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

(LCS) R4266060-1 08/27/25 17:48 • (LCSD) R4266060-2 08/27/25 18:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.625	0.632	0.623	101	99.7	70.0-123			1.43	20
Ethylbenzene	0.625	0.597	0.577	95.5	92.3	74.0-126			3.41	20
Toluene	0.625	0.559	0.551	89.4	88.2	75.0-121			1.44	20
1,2,4-Trimethylbenzene	0.625	0.607	0.588	97.1	94.1	70.0-126			3.18	20
1,3,5-Trimethylbenzene	0.625	0.603	0.583	96.5	93.3	73.0-127			3.37	20
Xylenes, Total	1.88	1.75	1.71	93.1	91.0	72.0-127			2.31	20
(S) Toluene-d8				*94.3*	*93.3*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.4*	*95.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*115*	*119*	*70.0-130*				

Method Blank (MB)

(MB) R4266716-2 08/27/25 20:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND		0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND		0.100	0.100
(S) Toluene-d8	*85.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4266716-1 08/27/25 19:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.625	0.547	87.5	70.0-123	
Ethylbenzene	0.625	0.527	84.3	74.0-126	
Toluene	0.625	0.502	80.3	75.0-121	
1,2,4-Trimethylbenzene	0.625	0.505	80.8	70.0-126	
1,3,5-Trimethylbenzene	0.625	0.541	86.6	73.0-127	
Xylenes, Total	1.88	1.59	84.6	72.0-127	
(S) Toluene-d8			*91.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*67.4*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*115*	*70.0-130*	

Method Blank (MB)

(MB) R4267524-3 08/28/25 01:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND		0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND		0.100	0.100
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*

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

(LCS) R4267524-1 08/28/25 00:01 • (LCSD) R4267524-2 08/28/25 00:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.625	0.613	0.630	98.1	101	70.0-123			2.74	20
Ethylbenzene	0.625	0.731	0.740	117	118	74.0-126			1.22	20
Toluene	0.625	0.615	0.699	98.4	112	75.0-121			12.8	20
1,2,4-Trimethylbenzene	0.625	0.562	0.578	89.9	92.5	70.0-126			2.81	20
1,3,5-Trimethylbenzene	0.625	0.555	0.571	88.8	91.4	73.0-127			2.84	20
Xylenes, Total	1.88	2.04	2.13	109	113	72.0-127			4.32	20
(S) Toluene-d8				*93.2*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*102*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*106*	*104*	*70.0-130*				

L1891933-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-34 08/28/25 02:07 • (MS) R4267524-4 08/28/25 09:01 • (MSD) R4267524-5 08/28/25 09:21

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	ND	0.105	0.155	84.0	124	1	10.0-149		J3	38.5	37
Ethylbenzene	0.125	ND	0.104	0.166	83.2	133	1	10.0-160		J3	45.9	38
Toluene	0.125	ND	0.109	0.162	87.2	130	1	10.0-156		J3	39.1	38
1,2,4-Trimethylbenzene	0.125	ND	0.0833	0.132	66.6	106	1	10.0-160		J3	45.2	36
1,3,5-Trimethylbenzene	0.125	ND	0.0846	0.135	67.7	108	1	10.0-160		J3	45.9	38
Xylenes, Total	0.375	ND	0.313	0.487	83.5	130	1	10.0-160		J3	43.5	38
(S) Toluene-d8					*103*	*102*		*75.0-131*				
(S) 4-Bromofluorobenzene					*102*	*97.0*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*93.6*	*96.1*		*70.0-130*				

Method Blank (MB)

(MB) R4269196-1 09/04/25 22:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	0.684	J	0.274	4.00
(S) o-Terphenyl	*54.5*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4269196-2 09/04/25 22:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	37.3	74.6	50.0-150	
(S) o-Terphenyl			*48.3*	*18.0-148*	

L1891904-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891904-02 09/05/25 02:53 • (MS) R4269196-3 09/05/25 03:08 • (MSD) R4269196-4 09/05/25 03:22

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	47.6	69.0	99.3	99.8	63.7	64.4	1	50.0-150			0.502	20
(S) o-Terphenyl					*33.9*	*30.9*		*18.0-148*				

Method Blank (MB)

(MB) R4269601-1 09/05/25 11:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	ND		0.274	4.00
(S) o-Terphenyl	*72.1*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4269601-2 09/05/25 11:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	46.3	92.6	50.0-150	
(S) o-Terphenyl			*87.2*	*18.0-148*	

L1891933-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-06 09/05/25 11:34 • (MS) R4269601-3 09/05/25 11:48 • (MSD) R4269601-4 09/05/25 12:02

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	48.2	ND	46.1	46.6	95.6	95.5	1	50.0-150			1.08	20
(S) o-Terphenyl					*91.9*	*90.5*		*18.0-148*				

Method Blank (MB)

(MB) R4269241-1 09/05/25 01:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	1.05	J	0.274	4.00
(S) o-Terphenyl	*77.5*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4269241-2 09/05/25 01:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	41.4	82.8	50.0-150	
(S) o-Terphenyl			*73.0*	*18.0-148*	

L1891933-26 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-26 09/05/25 03:29 • (MS) R4269241-3 09/05/25 03:42 • (MSD) R4269241-4 09/05/25 03:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	49.2	ND	38.9	40.6	79.1	82.9	1	50.0-150			4.28	20
(S) o-Terphenyl					*66.8*	*63.6*		*18.0-148*				

Method Blank (MB)

(MB) R4269416-1 09/05/25 13:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	1.68	J	0.274	4.00
(S) o-Terphenyl	*81.7*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4269416-2 09/05/25 13:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	40.5	81.0	50.0-150	
(S) o-Terphenyl			*73.0*	*18.0-148*	

L1891933-49 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-49 09/05/25 14:26 • (MS) R4269416-3 09/05/25 14:40 • (MSD) R4269416-4 09/05/25 14:53

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	48.5	ND	34.7	38.7	71.5	79.8	1	50.0-150			10.9	20
(S) o-Terphenyl					*79.3*	*84.7*		*18.0-148*				

Method Blank (MB)

(MB) R4268366-2 09/03/25 12:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	*73.9*			*23.0-120*
(S) Nitrobenzene-d5	*84.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*78.8*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4268366-1 09/03/25 12:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0651	81.4	50.0-120	
Anthracene	0.0800	0.0760	95.0	50.0-126	
Benzo(a)anthracene	0.0800	0.0763	95.4	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0616	77.0	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0614	76.8	49.0-125	
Benzo(a)pyrene	0.0800	0.0653	81.6	42.0-120	
Chrysene	0.0800	0.0718	89.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0690	86.3	47.0-125	
Fluoranthene	0.0800	0.0755	94.4	49.0-129	
Fluorene	0.0800	0.0742	92.8	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0678	84.8	46.0-125	
1-Methylnaphthalene	0.0800	0.0720	90.0	51.0-121	
2-Methylnaphthalene	0.0800	0.0690	86.3	50.0-120	
Naphthalene	0.0800	0.0636	79.5	50.0-120	
Pyrene	0.0800	0.0648	81.0	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4268366-1 09/03/25 12:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*81.2*	*23.0-120*	
(S) Nitrobenzene-d5			*91.8*	*14.0-149*	
(S) 2-Fluorobiphenyl			*89.7*	*34.0-125*	

L1891473-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891473-04 09/03/25 13:30 • (MS) R4268366-3 09/03/25 13:48 • (MSD) R4268366-4 09/03/25 14:06

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0764	ND	0.0619	0.0591	81.0	77.0	1	14.0-127			4.63	27
Anthracene	0.0764	ND	0.0730	0.0686	95.5	89.3	1	10.0-145			6.21	30
Benzo(a)anthracene	0.0764	ND	0.0726	0.0675	95.0	87.9	1	10.0-139			7.28	30
Benzo(b)fluoranthene	0.0764	ND	0.0581	0.0551	76.0	71.7	1	10.0-140			5.30	36
Benzo(k)fluoranthene	0.0764	ND	0.0583	0.0547	76.3	71.2	1	10.0-137			6.37	31
Benzo(a)pyrene	0.0764	ND	0.0661	0.0624	86.5	81.2	1	10.0-141			5.76	31
Chrysene	0.0764	ND	0.0677	0.0634	88.6	82.6	1	10.0-145			6.56	30
Dibenz(a,h)anthracene	0.0764	ND	0.0646	0.0604	84.6	78.6	1	10.0-132			6.72	31
Fluoranthene	0.0764	ND	0.0712	0.0679	93.2	88.4	1	10.0-153			4.74	33
Fluorene	0.0764	ND	0.0717	0.0681	93.8	88.7	1	11.0-130			5.15	29
Indeno(1,2,3-cd)pyrene	0.0764	ND	0.0622	0.0593	81.4	77.2	1	10.0-137			4.77	32
1-Methylnaphthalene	0.0764	ND	0.0693	0.0658	90.7	85.7	1	10.0-142			5.18	28
2-Methylnaphthalene	0.0764	ND	0.0669	0.0623	87.6	81.1	1	10.0-137			7.12	28
Naphthalene	0.0764	ND	0.0620	0.0583	81.2	75.9	1	10.0-135			6.15	27
Pyrene	0.0764	ND	0.0611	0.0576	80.0	75.0	1	10.0-148			5.90	35
(S) p-Terphenyl-d14					*76.3*	*71.0*		*23.0-120*				
(S) Nitrobenzene-d5					*91.5*	*85.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*84.8*	*81.0*		*34.0-125*				

Method Blank (MB)

(MB) R4269498-2 09/04/25 02:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	*76.4*			*23.0-120*
(S) Nitrobenzene-d5	*83.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*81.9*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4269498-1 09/04/25 01:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0582	72.8	50.0-120	
Anthracene	0.0800	0.0661	82.6	50.0-126	
Benzo(a)anthracene	0.0800	0.0652	81.5	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0571	71.4	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0584	73.0	49.0-125	
Benzo(a)pyrene	0.0800	0.0578	72.3	42.0-120	
Chrysene	0.0800	0.0634	79.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0638	79.8	47.0-125	
Fluoranthene	0.0800	0.0674	84.3	49.0-129	
Fluorene	0.0800	0.0663	82.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0607	75.9	46.0-125	
1-Methylnaphthalene	0.0800	0.0634	79.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0607	75.9	50.0-120	
Naphthalene	0.0800	0.0575	71.9	50.0-120	
Pyrene	0.0800	0.0578	72.3	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4269498-1 09/04/25 01:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*69.5*	*23.0-120*	
(S) Nitrobenzene-d5			*77.0*	*14.0-149*	
(S) 2-Fluorobiphenyl			*76.1*	*34.0-125*	

L1891672-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891672-01 09/04/25 02:53 • (MS) R4269498-3 09/04/25 03:10 • (MSD) R4269498-4 09/04/25 03:28

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0788	ND	0.0626	0.0545	79.4	69.2	1	14.0-127			13.8	27
Anthracene	0.0788	ND	0.0723	0.0651	91.8	82.6	1	10.0-145			10.5	30
Benzo(a)anthracene	0.0788	ND	0.0741	0.0667	94.0	84.6	1	10.0-139			10.5	30
Benzo(b)fluoranthene	0.0788	ND	0.0595	0.0526	75.5	66.8	1	10.0-140			12.3	36
Benzo(k)fluoranthene	0.0788	ND	0.0607	0.0534	77.0	67.8	1	10.0-137			12.8	31
Benzo(a)pyrene	0.0788	ND	0.0690	0.0605	87.6	76.8	1	10.0-141			13.1	31
Chrysene	0.0788	ND	0.0681	0.0610	86.4	77.4	1	10.0-145			11.0	30
Dibenz(a,h)anthracene	0.0788	ND	0.0689	0.0568	87.4	72.1	1	10.0-132			19.3	31
Fluoranthene	0.0788	ND	0.0740	0.0684	93.9	86.8	1	10.0-153			7.87	33
Fluorene	0.0788	ND	0.0732	0.0625	92.9	79.3	1	11.0-130			15.8	29
Indeno(1,2,3-cd)pyrene	0.0788	ND	0.0630	0.0569	79.9	72.2	1	10.0-137			10.2	32
1-Methylnaphthalene	0.0788	ND	0.0700	0.0637	88.8	80.8	1	10.0-142			9.42	28
2-Methylnaphthalene	0.0788	ND	0.0668	0.0592	84.8	75.1	1	10.0-137			12.1	28
Naphthalene	0.0788	ND	0.0623	0.0557	79.1	70.7	1	10.0-135			11.2	27
Pyrene	0.0788	ND	0.0634	0.0572	80.5	72.6	1	10.0-148			10.3	35
(S) p-Terphenyl-d14					*76.9*	*69.5*		*23.0-120*				
(S) Nitrobenzene-d5					*91.2*	*83.1*		*14.0-149*				
(S) 2-Fluorobiphenyl					*84.9*	*75.2*		*34.0-125*				

Method Blank (MB)

(MB) R4269053-2 09/05/25 02:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	*86.8*			*23.0-120*
(S) Nitrobenzene-d5	*68.8*			*14.0-149*
(S) 2-Fluorobiphenyl	*88.1*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4269053-1 09/05/25 01:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0715	89.4	50.0-120	
Anthracene	0.0800	0.0703	87.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0700	87.5	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0807	101	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0797	99.6	49.0-125	
Benzo(a)pyrene	0.0800	0.0647	80.9	42.0-120	
Chrysene	0.0800	0.0819	102	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0728	91.0	47.0-125	
Fluoranthene	0.0800	0.0739	92.4	49.0-129	
Fluorene	0.0800	0.0844	105	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0652	81.5	46.0-125	
1-Methylnaphthalene	0.0800	0.0739	92.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0706	88.3	50.0-120	
Naphthalene	0.0800	0.0711	88.9	50.0-120	
Pyrene	0.0800	0.0807	101	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4269053-1 09/05/25 01:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*95.6*	*23.0-120*	
(S) Nitrobenzene-d5			*78.5*	*14.0-149*	
(S) 2-Fluorobiphenyl			*100*	*34.0-125*	

L1891933-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-23 09/05/25 02:34 • (MS) R4269053-3 09/05/25 08:17 • (MSD) R4269053-4 09/05/25 08:36

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0792	ND	0.0525	0.0542	66.3	68.8	1	14.0-127			3.19	27
Anthracene	0.0792	ND	0.0563	0.0533	71.1	67.6	1	10.0-145			5.47	30
Benzo(a)anthracene	0.0792	ND	0.0550	0.0503	69.4	63.8	1	10.0-139			8.93	30
Benzo(b)fluoranthene	0.0792	ND	0.0535	0.0516	67.6	65.5	1	10.0-140			3.62	36
Benzo(k)fluoranthene	0.0792	ND	0.0540	0.0514	68.2	65.2	1	10.0-137			4.93	31
Benzo(a)pyrene	0.0792	ND	0.0513	0.0478	64.8	60.7	1	10.0-141			7.06	31
Chrysene	0.0792	ND	0.0576	0.0558	72.7	70.8	1	10.0-145			3.17	30
Dibenz(a,h)anthracene	0.0792	ND	0.0526	0.0502	66.4	63.7	1	10.0-132			4.67	31
Fluoranthene	0.0792	ND	0.0556	0.0530	70.2	67.3	1	10.0-153			4.79	33
Fluorene	0.0792	ND	0.0617	0.0605	77.9	76.8	1	11.0-130			1.96	29
Indeno(1,2,3-cd)pyrene	0.0792	ND	0.0501	0.0447	63.3	56.7	1	10.0-137			11.4	32
1-Methylnaphthalene	0.0792	ND	0.0596	0.0585	75.3	74.2	1	10.0-142			1.86	28
2-Methylnaphthalene	0.0792	ND	0.0576	0.0576	72.7	73.1	1	10.0-137			0.000	28
Naphthalene	0.0792	ND	0.0563	0.0571	71.1	72.5	1	10.0-135			1.41	27
Pyrene	0.0792	ND	0.0556	0.0546	70.2	69.3	1	10.0-148			1.81	35
(S) p-Terphenyl-d14					*73.1*	*67.0*		*23.0-120*				
(S) Nitrobenzene-d5					*66.8*	*59.4*		*14.0-149*				
(S) 2-Fluorobiphenyl					*73.4*	*74.4*		*34.0-125*				

Method Blank (MB)

(MB) R4270406-2 09/05/25 19:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	*91.0*			*23.0-120*
(S) Nitrobenzene-d5	*83.3*			*14.0-149*
(S) 2-Fluorobiphenyl	*89.8*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4270406-1 09/05/25 18:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0623	77.9	50.0-120	
Anthracene	0.0800	0.0599	74.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0613	76.6	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0656	82.0	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0603	75.4	49.0-125	
Benzo(a)pyrene	0.0800	0.0560	70.0	42.0-120	
Chrysene	0.0800	0.0646	80.7	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0610	76.3	47.0-125	
Fluoranthene	0.0800	0.0612	76.5	49.0-129	
Fluorene	0.0800	0.0645	80.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0472	59.0	46.0-125	
1-Methylnaphthalene	0.0800	0.0664	83.0	51.0-121	
2-Methylnaphthalene	0.0800	0.0631	78.9	50.0-120	
Naphthalene	0.0800	0.0625	78.1	50.0-120	
Pyrene	0.0800	0.0653	81.6	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4270406-1 09/05/25 18:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*80.2*	*23.0-120*	
(S) Nitrobenzene-d5			*80.0*	*14.0-149*	
(S) 2-Fluorobiphenyl			*82.6*	*34.0-125*	

L1891933-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-36 09/05/25 19:18 • (MS) R4270406-3 09/05/25 19:36 • (MSD) R4270406-4 09/05/25 19:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0788	ND	0.0602	0.0627	76.4	78.4	1	14.0-127			4.07	27
Anthracene	0.0788	ND	0.0582	0.0600	73.9	75.0	1	10.0-145			3.05	30
Benzo(a)anthracene	0.0788	ND	0.0578	0.0602	73.4	75.3	1	10.0-139			4.07	30
Benzo(b)fluoranthene	0.0788	ND	0.0614	0.0610	77.9	76.3	1	10.0-140			0.654	36
Benzo(k)fluoranthene	0.0788	ND	0.0575	0.0612	73.0	76.5	1	10.0-137			6.23	31
Benzo(a)pyrene	0.0788	ND	0.0578	0.0604	73.4	75.5	1	10.0-141			4.40	31
Chrysene	0.0788	ND	0.0609	0.0636	77.3	79.5	1	10.0-145			4.34	30
Dibenz(a,h)anthracene	0.0788	ND	0.0582	0.0602	73.9	75.3	1	10.0-132			3.38	31
Fluoranthene	0.0788	ND	0.0586	0.0606	74.4	75.8	1	10.0-153			3.36	33
Fluorene	0.0788	ND	0.0599	0.0638	76.0	79.8	1	11.0-130			6.31	29
Indeno(1,2,3-cd)pyrene	0.0788	ND	0.0462	0.0482	58.6	60.3	1	10.0-137			4.24	32
1-Methylnaphthalene	0.0788	ND	0.0644	0.0663	81.7	82.9	1	10.0-142			2.91	28
2-Methylnaphthalene	0.0788	ND	0.0612	0.0627	77.7	78.4	1	10.0-137			2.42	28
Naphthalene	0.0788	ND	0.0606	0.0624	76.9	78.0	1	10.0-135			2.93	27
Pyrene	0.0788	ND	0.0627	0.0643	79.6	80.4	1	10.0-148			2.52	35
(S) p-Terphenyl-d14					*77.2*	*82.9*		*23.0-120*				
(S) Nitrobenzene-d5					*79.2*	*82.3*		*14.0-149*				
(S) 2-Fluorobiphenyl					*80.8*	*86.0*		*34.0-125*				

Method Blank (MB)

(MB) R4269476-2 09/04/25 18:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	*92.4*			*23.0-120*
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*98.9*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4269476-1 09/04/25 18:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0693	86.6	50.0-120	
Anthracene	0.0800	0.0730	91.3	50.0-126	
Benzo(a)anthracene	0.0800	0.0705	88.1	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0588	73.5	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0620	77.5	49.0-125	
Benzo(a)pyrene	0.0800	0.0593	74.1	42.0-120	
Chrysene	0.0800	0.0667	83.4	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0664	83.0	47.0-125	
Fluoranthene	0.0800	0.0729	91.1	49.0-129	
Fluorene	0.0800	0.0732	91.5	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0539	67.4	46.0-125	
1-Methylnaphthalene	0.0800	0.0757	94.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0704	88.0	50.0-120	
Naphthalene	0.0800	0.0667	83.4	50.0-120	
Pyrene	0.0800	0.0629	78.6	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4269476-1 09/04/25 18:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*96.0*	*23.0-120*	
(S) Nitrobenzene-d5			*109*	*14.0-149*	
(S) 2-Fluorobiphenyl			*104*	*34.0-125*	

L1891933-49 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891933-49 09/04/25 18:39 • (MS) R4269476-3 09/04/25 18:57 • (MSD) R4269476-4 09/04/25 19:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0760	ND	0.0624	0.0611	82.1	80.8	1	14.0-127			2.11	27
Anthracene	0.0760	ND	0.0655	0.0635	86.2	84.0	1	10.0-145			3.10	30
Benzo(a)anthracene	0.0760	ND	0.0626	0.0625	82.4	82.7	1	10.0-139			0.160	30
Benzo(b)fluoranthene	0.0760	ND	0.0532	0.0527	70.0	69.7	1	10.0-140			0.944	36
Benzo(k)fluoranthene	0.0760	ND	0.0541	0.0531	71.2	70.2	1	10.0-137			1.87	31
Benzo(a)pyrene	0.0760	ND	0.0601	0.0597	79.1	79.0	1	10.0-141			0.668	31
Chrysene	0.0760	ND	0.0608	0.0590	80.0	78.0	1	10.0-145			3.01	30
Dibenz(a,h)anthracene	0.0760	ND	0.0630	0.0591	82.9	78.2	1	10.0-132			6.39	31
Fluoranthene	0.0760	ND	0.0648	0.0625	85.3	82.7	1	10.0-153			3.61	33
Fluorene	0.0760	ND	0.0644	0.0640	84.7	84.7	1	11.0-130			0.623	29
Indeno(1,2,3-cd)pyrene	0.0760	ND	0.0485	0.0484	63.8	64.0	1	10.0-137			0.206	32
1-Methylnaphthalene	0.0760	ND	0.0684	0.0672	90.0	88.9	1	10.0-142			1.77	28
2-Methylnaphthalene	0.0760	ND	0.0633	0.0626	83.3	82.8	1	10.0-137			1.11	28
Naphthalene	0.0760	ND	0.0603	0.0592	79.3	78.3	1	10.0-135			1.84	27
Pyrene	0.0760	ND	0.0567	0.0557	74.6	73.7	1	10.0-148			1.78	35
(S) p-Terphenyl-d14					*86.7*	*85.0*		*23.0-120*				
(S) Nitrobenzene-d5					*99.5*	*99.4*		*14.0-149*				
(S) 2-Fluorobiphenyl					*95.1*	*92.9*		*34.0-125*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
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.
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.

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	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

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

Pres Chk

Project Manager:
Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: CO045027

Collected by (print): BL, BS

Site/Facility ID #:

Billing Code #: 8520.154

Collected by (signature): BL

Immediately Packed on Ice N____ Y X

Rush? (Lab MUST be Notified)
____Same Day ____Five Day
____Next Day ____5 Day (Rad Only)
____Two Day ____10 Day (Rad Only)
____Three Day

Quote #

Date Results Needed: STD

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres	Remarks	Sample # (lab only)
SEPL-N06@11'	Grab	SS	11'	8/22/25	9:00	2	X						-01
SEPL-N07@11'			11'		9:05								-02
SEPL-N08@11'			11'		9:10								-03
SEPL-N09@5'			5'		9:15								-04
SEPL-S06@7'			7'		9:20								-05
SEPL-S07@7'			7'		9:25								-06
SEPL-S08@7'			7'		9:30								-07
SEPL-S09@3'			3'		9:35								-08
SEPL-E02@3'			3'		9:40								-09
SEPL-E03@7'			7'		9:46								-10

Chain of Custody Page 1 of 5

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SDG # L1891933
Table # H001
Acctnum: CIVTASBCO
Template: T250702
Prelogin: P1068185
PM: 824 - Chris Ward
PB:
Shipped Via: FedEX Ground

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

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

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeoH TBR	If preservation required by Login: Date/Time
BL	8/22/25	1550			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	8/22/25	1800	SWA	MuHi 100	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
			Jamieson	8-23-25 1730	

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

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

Pres Chk

Project Manager: Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: CØ45Ø27

Collected by (print): BL, BS

Site/Facility ID #:

Billing Code #: 852Ø.154

Collected by (signature): BL

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___Same Day ___Five Day
___Next Day ___5 Day (Rad Only)
___Two Day ___10 Day (Rad Only)
___Three Day

Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres	Remarks	Sample # (lab only)
SEPL-WØ2@7'	Grab	SS	7'	8/22/25	9:5Ø	2	X						- 11
SEPL-WØ3@7'			7'		9:55								- 12
SEPL-BØ5@12'			12'		1Ø:ØØ								- 13
SEPL-BØ6@8'			8'		1Ø:Ø5								- 14
SEPL-BØ7@12'			12'		1Ø:1Ø								- 15
SEPL-BØ8@8'			8'		1Ø:15								- 16
SEPL-BØ9@6'			6'		1Ø:2Ø								- 17
OL-BØ7@10'			10'		11:ØØ								- 18
OL-BØ8@11'			11'		11:Ø5								- 19
OL-BØ9@8'			8'		11:1Ø								- 20

Analysis / Container / Preservative

Chain of Custody Page 2 of 5

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SDG # L1891933

Table #

Acctnum: CIVTASBCO
Template: T250702
Prelogin: P1068185
PM: 824 - Chris Ward
PB:

Shipped Via: FedEX Ground

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

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

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
BL	8/22/25	1550	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/22/25	1800	SW
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Jamcam

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: Multi °C Bottles Received: 100

Date: 8-23-25 Time: 1730

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

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

Pres Chk

Project Manager: Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: C0045027

Collected by (print): BL, BS

Site/Facility ID #:

Billing Code #: 8520.154

Collected by (signature): BL

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
____Same Day ____Five Day
____Next Day ____5 Day (Rad Only)
____Two Day ____10 Day (Rad Only)
____Three Day

Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres					Remarks	Sample # (lab only)
OL-B00@11'	Grab	SS	11'	8/22/25	11:15	2	X										-
OL-B11@5'			5'		11:20												-
OL-N04@9'			9'		11:25												-
OL-N05@9'			9'		11:30												-
OL-N06@9'			9'		11:35												-
OL-N07@9'			9'		11:40												-
OL-N08@5'			5'		11:45												-
OL-N09@8'			8'		11:50												-
OL-N10@11'			11'		11:55												-
OL-N11@7'			7'		12:00												-

Analysis / Container / Preservative

Chain of Custody Page 3 of 5

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SDG # L1891933

Table #

Acctnum: CIVTASBCO
Template: T250702
Prelogin: P1068185
PM: 824 - Chris Ward
PB:

Shipped Via: FedEX Ground

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

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

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
BL	8/22/25	1550	
			Trip Blank Received: Yes / No (No)
			HCL / MeoH
			TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/22/25	1800	SWA
			Temp: Multi °C Bottles Received: 100
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Date: 8-23-25 Time: 1730

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

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

Pres Chk

Project Manager:
Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: CO04527

Collected by (print): BL, BS

Site/Facility ID #:

Billing Code #: 8520.154

Collected by (signature): BL

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___Same Day ___Five Day
___Next Day ___5 Day (Rad Only)
___Two Day ___10 Day (Rad Only)
___Three Day

Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres					Remarks	Sample # (lab only)
OL-N12@10'	Grab	SS	10'	8/22/25	12:05	2	X										
OL-S05@9'			9'		12:10												
OL-S06@9'			9'		12:15												
OL-S07@8'			8'		12:20												
OL-S08@11'			11'		12:25												
OL-S09@6'			6'		12:30												
OL-S10@7'			7'		12:35												
OL-S11@10'			10'		12:40												
OL-E02@9'			9'		12:45												
OL-E03@5'	↓	↓	5'	↓	12:50	↓	↓										

Analysis / Container / Preservative

Chain of Custody Page 4 of 5

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1891933

Table #

Acctnum: CIVTASBCO
Template: T250702
Prelogin: P1068185
PM: 824 - Chris Ward
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pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
BL	8/22/25	1550		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	8/22/25	1800	SWA	Multi 100
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Jennea	8-23-25 1730

If preservation required by Login: Date/Time

Hold: | Condition: NCF / OK

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

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

Pres Chk

Project Manager:
Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: C0045027

Collected by (print): BL, BS

Site/Facility ID #:

Billing Code #: 8520.154

Collected by (signature): BL

Immediately Packed on Ice N ___ Y X

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Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres					Remarks	Sample # (lab only)
OL-E04@5'	Grab	SS	5'	8/22/25	12:55	2	X										
OL-E05@10'			10'		13:00												
OL-E06@5'			5'		13:05												
OL-W03@9'			9'		13:10												
OL-W04@5'			5'		13:15												
OL-W05@5'			5'		13:20												
OL-W06@8'			8'		13:25												
OL-W07@10'			10'		13:30												
OL-W08@5'			5'		13:35												
WL-W03@7'	↓	↓	7'	↓	14:00	↓	↓										

Analysis / Container / Preservative

Chain of Custody Page 5 of 5

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1691933

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RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
BL	8/22/25	1550			
	8/22/25	1800	SWA	Temp: Multi °C Bottles Received: 100	
			Received for lab by: (Signature)	Date: 8-23-25 Time: 1730	Hold: / Condition: NCF / OK

Multiple Parcel Form

L# L1891933

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SwA	TLA9	4.0	-0.1	3.9	Yes / No / Not Present
↓	↓	2.6	↓	2.5	Yes / No / Not Present
		2.1		2.0	Yes / No / Not Present
		3.7		3.6	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

8-23-25
Date