ANALYTICAL REPORT

August 04, 2025

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2025.08.04 10:51:48 -05'00'
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Chevron - CO

Sample Delivery Group:	L1879070
Samples Received:	07/16/2025
Project Number:	0736294
Description:	Chevron RBU/WYSCAVER USX CC05-25
Site:	05-123-33489
Report To:	Justin Onwiler 2115 117th Avenue Greeley, CO 80631

Entire Report Reviewed By:

Chris Ward
Project Manager

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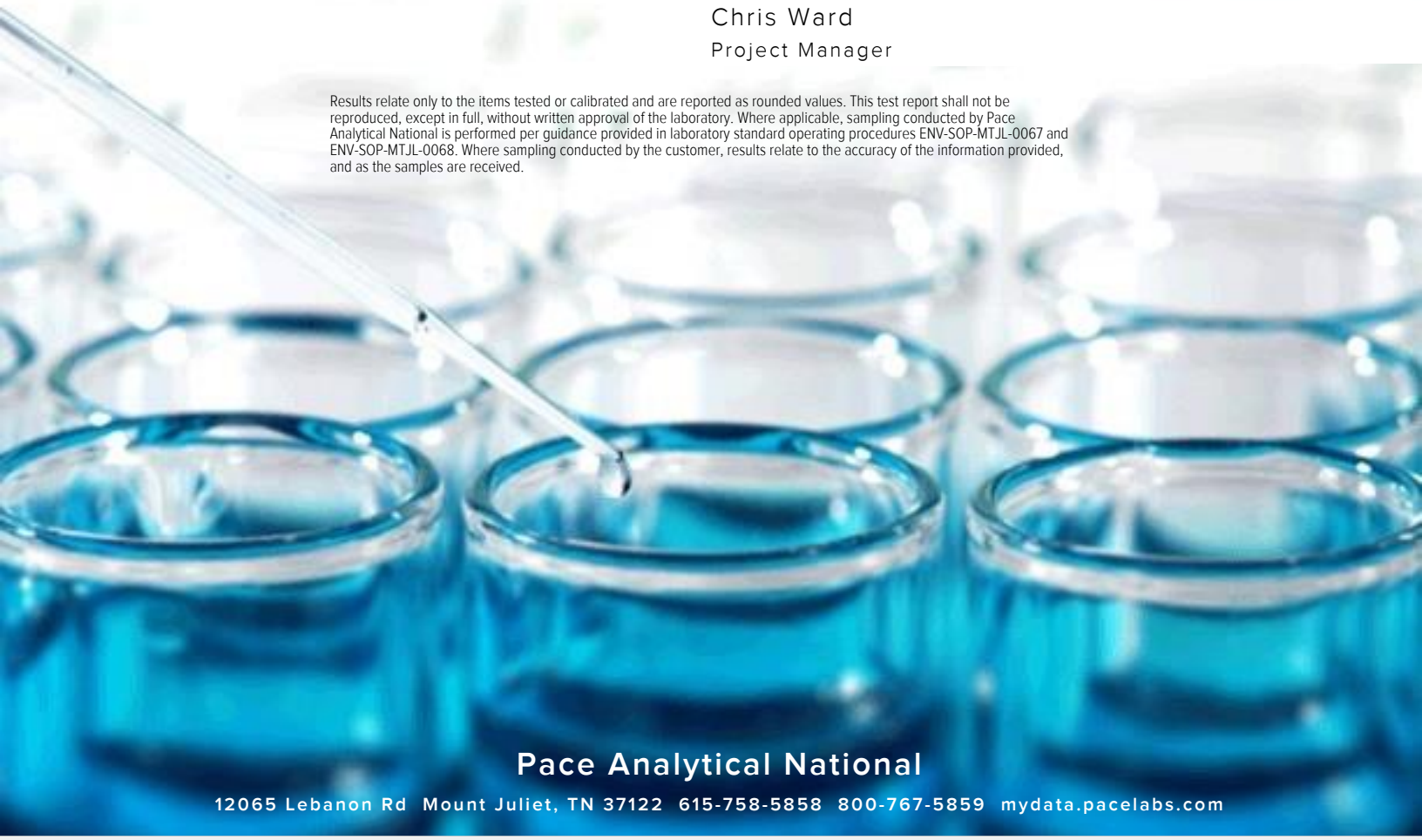

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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31838-FL-01-SO-4-20250715 L1879070-01

Collected by	Collected date/time	Received date/time
	07/15/25 09:45	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:08	07/22/25 12:08	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563947	1	07/29/25 17:43	07/30/25 14:52	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564033	1	07/22/25 11:16	07/24/25 09:00	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564066	1	07/22/25 11:19	07/26/25 18:30	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:29	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 02:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 17:19	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 13:27	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 14:27	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 03:10	CMF	Mt. Juliet, TN

31838-FL-01-SO-8-20250715 L1879070-02

Collected by	Collected date/time	Received date/time
	07/15/25 09:55	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:09	07/22/25 12:09	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563947	1	07/29/25 17:43	07/30/25 15:36	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:32	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 02:55	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 17:38	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 13:46	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 13:30	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 03:30	CMF	Mt. Juliet, TN

31838-FL-01-SO-10-20250715 L1879070-03

Collected by	Collected date/time	Received date/time
	07/15/25 10:05	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:11	07/22/25 12:11	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 08:42	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:35	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 02:05	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 17:58	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 14:05	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 14:13	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 03:49	CMF	Mt. Juliet, TN

31838-FL-02-SO-4-20250715 L1879070-04

Collected by	Collected date/time	Received date/time
	07/15/25 10:00	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:13	07/22/25 12:13	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 08:51	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:39	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 02:58	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 18:17	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 14:24	JBE	Mt. Juliet, TN

31838-FL-02-SO-4-20250715 L1879070-04

Collected by	Collected date/time	Received date/time
	07/15/25 10:00	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 13:30	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 04:09	CMF	Mt. Juliet, TN

31838-FL-03-SO-4-20250715 L1879070-05

Collected by	Collected date/time	Received date/time
	07/15/25 10:40	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:14	07/22/25 12:14	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 09:00	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:42	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 03:01	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 19:03	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 14:43	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 14:13	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 04:28	CMF	Mt. Juliet, TN

31838-FL-04-SO-4-20250715 L1879070-06

Collected by	Collected date/time	Received date/time
	07/15/25 11:15	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:16	07/22/25 12:16	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 09:09	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:45	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 03:10	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 19:22	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 15:02	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 13:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 04:48	CMF	Mt. Juliet, TN

31838-FL-05-SO-4-20250715 L1879070-07

Collected by	Collected date/time	Received date/time
	07/15/25 11:10	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:18	07/22/25 12:18	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 09:18	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:48	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 03:13	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2561829	1	07/17/25 13:06	07/18/25 19:41	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2562016	1	07/17/25 13:06	07/18/25 15:21	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2561160	1	07/20/25 17:06	07/21/25 13:45	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 05:07	CMF	Mt. Juliet, TN

31838-FL-06-SO-4-20250715 L1879070-08

Collected by	Collected date/time	Received date/time
	07/15/25 11:45	07/16/25 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2561967	1	07/22/25 12:36	07/22/25 12:36	JTM	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563954	1	07/24/25 18:01	07/26/25 09:36	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2564047	1	07/22/25 11:05	07/23/25 12:10	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2564052	1	07/22/25 11:06	07/26/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2561994	1	07/18/25 12:21	07/19/25 18:57	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2561628	5	07/18/25 08:25	08/01/25 03:17	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2562378	25	07/17/25 13:06	07/19/25 14:21	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2564808	1	07/17/25 13:06	07/23/25 12:23	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2563479	1	07/22/25 09:28	07/23/25 01:31	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2563491	1	07/21/25 18:03	07/22/25 05:27	CMF	Mt. Juliet, TN

CASE NARRATIVE

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

Chris Ward
Project Manager

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.745		1	07/22/2025 12:08	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.277		0.200	1	07/30/2025 14:52	WG2563947

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.88		1	07/24/2025 09:00	WG2564033

Sample Narrative:

L1879070-01 WG2564033: 7.88 at 21C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.01	mmhos/cm		0.0100	1	07/26/2025 18:30	WG2564066

Sample Narrative:

L1879070-01 WG2564066: 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	0.147		0.100	1	07/19/2025 18:29	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.25		0.100	5	08/01/2025 02:52	WG2561628
Barium	178		10.0	5	08/01/2025 02:52	WG2561628
Cadmium	0.200		0.100	5	08/01/2025 02:52	WG2561628
Copper	ND		10.0	5	08/01/2025 02:52	WG2561628
Lead	ND		10.0	5	08/01/2025 02:52	WG2561628
Nickel	ND		10.0	5	08/01/2025 02:52	WG2561628
Selenium	0.255		0.100	5	08/01/2025 02:52	WG2561628
Silver	ND		0.500	5	08/01/2025 02:52	WG2561628
Zinc	ND		50.0	5	08/01/2025 02:52	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 17:19	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*89.6*		*77.0-120*		*07/18/2025 17:19*	WG2561829

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	07/18/2025 13:27	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 13:27	WG2562016
Toluene	ND		0.0100	1	07/18/2025 13:27	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 13:27	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 13:27	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 13:27	WG2562016
(S) Toluene-d8	*94.9*		*75.0-131*		*07/18/2025 13:27*	WG2562016
(S) 4-Bromofluorobenzene	*98.4*		*67.0-138*		*07/18/2025 13:27*	WG2562016
(S) 1,2-Dichloroethane-d4	*118*		*70.0-130*		*07/18/2025 13:27*	WG2562016

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	50.5	J3 J6	4.00	1	07/21/2025 14:27	WG2561160
C28-C36 Motor Oil Range	102		4.00	1	07/21/2025 14:27	WG2561160
(S) o-Terphenyl	*53.4*		*18.0-148*		*07/21/2025 14:27*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 03:10	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 03:10	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 03:10	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 03:10	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 03:10	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 03:10	WG2563491
(S) p-Terphenyl-d14	*61.0*		*23.0-120*		*07/22/2025 03:10*	WG2563491
(S) Nitrobenzene-d5	*56.5*		*14.0-149*		*07/22/2025 03:10*	WG2563491
(S) 2-Fluorobiphenyl	*61.5*		*34.0-125*		*07/22/2025 03:10*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	5.92		1	07/22/2025 12:09	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/30/2025 15:36	WG2563947

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	9.39		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-02 WG2564047: 9.39 at 22.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1.34	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-02 WG2564052: 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	07/19/2025 18:32	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.42		0.100	5	08/01/2025 02:55	WG2561628
Barium	147		10.0	5	08/01/2025 02:55	WG2561628
Cadmium	ND		0.100	5	08/01/2025 02:55	WG2561628
Copper	ND		10.0	5	08/01/2025 02:55	WG2561628
Lead	ND		10.0	5	08/01/2025 02:55	WG2561628
Nickel	ND		10.0	5	08/01/2025 02:55	WG2561628
Selenium	0.157		0.100	5	08/01/2025 02:55	WG2561628
Silver	ND		0.500	5	08/01/2025 02:55	WG2561628
Zinc	ND		50.0	5	08/01/2025 02:55	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 17:38	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*90.4*		*77.0-120*		*07/18/2025 17:38*	WG2561829

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	07/18/2025 13:46	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 13:46	WG2562016
Toluene	ND		0.0100	1	07/18/2025 13:46	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 13:46	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 13:46	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 13:46	WG2562016
(S) Toluene-d8	*94.4*		*75.0-131*		*07/18/2025 13:46*	WG2562016
(S) 4-Bromofluorobenzene	*97.3*		*67.0-138*		*07/18/2025 13:46*	WG2562016
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*07/18/2025 13:46*	WG2562016

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	07/21/2025 13:30	WG2561160
C28-C36 Motor Oil Range	ND		4.00	1	07/21/2025 13:30	WG2561160
(S) o-Terphenyl	*54.0*		*18.0-148*		*07/21/2025 13:30*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 03:30	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 03:30	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 03:30	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 03:30	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 03:30	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 03:30	WG2563491
(S) p-Terphenyl-d14	*73.0*		*23.0-120*		*07/22/2025 03:30*	WG2563491
(S) Nitrobenzene-d5	*67.0*		*14.0-149*		*07/22/2025 03:30*	WG2563491
(S) 2-Fluorobiphenyl	*68.7*		*34.0-125*		*07/22/2025 03:30*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	4.01		1	07/22/2025 12:11	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 08:42	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	9.24		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-03 WG2564047: 9.24 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.491	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-03 WG2564052: 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	0.176		0.100	1	07/19/2025 18:35	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.58		0.100	5	08/01/2025 02:05	WG2561628
Barium	80.4		10.0	5	08/01/2025 02:05	WG2561628
Cadmium	0.115		0.100	5	08/01/2025 02:05	WG2561628
Copper	ND		10.0	5	08/01/2025 02:05	WG2561628
Lead	ND		10.0	5	08/01/2025 02:05	WG2561628
Nickel	ND		10.0	5	08/01/2025 02:05	WG2561628
Selenium	0.183		0.100	5	08/01/2025 02:05	WG2561628
Silver	ND		0.500	5	08/01/2025 02:05	WG2561628
Zinc	ND	O1	50.0	5	08/01/2025 02:05	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 17:58	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*93.0*		*77.0-120*		*07/18/2025 17:58*	WG2561829

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	07/18/2025 14:05	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 14:05	WG2562016
Toluene	ND		0.0100	1	07/18/2025 14:05	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:05	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:05	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 14:05	WG2562016
(S) Toluene-d8	*93.6*		*75.0-131*		*07/18/2025 14:05*	WG2562016
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*07/18/2025 14:05*	WG2562016
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*07/18/2025 14:05*	WG2562016

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	4.14		4.00	1	07/21/2025 14:13	WG2561160
C28-C36 Motor Oil Range	11.0		4.00	1	07/21/2025 14:13	WG2561160
(S) o-Terphenyl	*53.0*		*18.0-148*		*07/21/2025 14:13*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 03:49	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 03:49	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 03:49	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 03:49	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 03:49	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 03:49	WG2563491
(S) p-Terphenyl-d14	*75.2*		*23.0-120*		*07/22/2025 03:49*	WG2563491
(S) Nitrobenzene-d5	*67.7*		*14.0-149*		*07/22/2025 03:49*	WG2563491
(S) 2-Fluorobiphenyl	*72.0*		*34.0-125*		*07/22/2025 03:49*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.129		1	07/22/2025 12:13	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 08:51	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.70		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-04 WG2564047: 7.7 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.0956	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-04 WG2564052: 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	07/19/2025 18:39	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.14		0.100	5	08/01/2025 02:58	WG2561628
Barium	70.1		10.0	5	08/01/2025 02:58	WG2561628
Cadmium	ND		0.100	5	08/01/2025 02:58	WG2561628
Copper	ND		10.0	5	08/01/2025 02:58	WG2561628
Lead	ND		10.0	5	08/01/2025 02:58	WG2561628
Nickel	ND		10.0	5	08/01/2025 02:58	WG2561628
Selenium	0.141		0.100	5	08/01/2025 02:58	WG2561628
Silver	ND		0.500	5	08/01/2025 02:58	WG2561628
Zinc	ND		50.0	5	08/01/2025 02:58	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 18:17	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*91.0*		*77.0-120*		*07/18/2025 18:17*	WG2561829

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	07/18/2025 14:24	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 14:24	WG2562016
Toluene	ND		0.0100	1	07/18/2025 14:24	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:24	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:24	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 14:24	WG2562016
(S) Toluene-d8	*92.8*		*75.0-131*		*07/18/2025 14:24*	WG2562016
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*07/18/2025 14:24*	WG2562016
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*07/18/2025 14:24*	WG2562016

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	07/21/2025 13:30	WG2561160
C28-C36 Motor Oil Range	7.04	B	4.00	1	07/21/2025 13:30	WG2561160
(S) o-Terphenyl	*64.1*		*18.0-148*		*07/21/2025 13:30*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 04:09	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 04:09	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 04:09	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 04:09	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 04:09	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 04:09	WG2563491
(S) p-Terphenyl-d14	*72.6*		*23.0-120*		*07/22/2025 04:09*	WG2563491
(S) Nitrobenzene-d5	*63.2*		*14.0-149*		*07/22/2025 04:09*	WG2563491
(S) 2-Fluorobiphenyl	*68.8*		*34.0-125*		*07/22/2025 04:09*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.115		1	07/22/2025 12:14	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 09:00	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.60		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-05 WG2564047: 7.6 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.0967	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-05 WG2564052: 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	07/19/2025 18:42	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.16		0.100	5	08/01/2025 03:01	WG2561628
Barium	35.3		10.0	5	08/01/2025 03:01	WG2561628
Cadmium	ND		0.100	5	08/01/2025 03:01	WG2561628
Copper	ND		10.0	5	08/01/2025 03:01	WG2561628
Lead	ND		10.0	5	08/01/2025 03:01	WG2561628
Nickel	ND		10.0	5	08/01/2025 03:01	WG2561628
Selenium	0.115		0.100	5	08/01/2025 03:01	WG2561628
Silver	ND		0.500	5	08/01/2025 03:01	WG2561628
Zinc	ND		50.0	5	08/01/2025 03:01	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 19:03	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*92.8*		*77.0-120*		*07/18/2025 19:03*	WG2561829

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	07/18/2025 14:43	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 14:43	WG2562016
Toluene	ND		0.0100	1	07/18/2025 14:43	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:43	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 14:43	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 14:43	WG2562016
(S) Toluene-d8	*92.7*		*75.0-131*		*07/18/2025 14:43*	WG2562016
(S) 4-Bromofluorobenzene	*94.5*		*67.0-138*		*07/18/2025 14:43*	WG2562016
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*07/18/2025 14:43*	WG2562016

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	07/21/2025 14:13	WG2561160
C28-C36 Motor Oil Range	8.97		4.00	1	07/21/2025 14:13	WG2561160
(S) o-Terphenyl	*65.1*		*18.0-148*		*07/21/2025 14:13*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 04:28	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 04:28	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 04:28	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 04:28	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 04:28	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 04:28	WG2563491
(S) p-Terphenyl-d14	*78.3*		*23.0-120*		*07/22/2025 04:28*	WG2563491
(S) Nitrobenzene-d5	*67.3*		*14.0-149*		*07/22/2025 04:28*	WG2563491
(S) 2-Fluorobiphenyl	*72.2*		*34.0-125*		*07/22/2025 04:28*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.166		1	07/22/2025 12:16	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 09:09	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.29		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-06 WG2564047: 7.29 at 22.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.179	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-06 WG2564052: 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	07/19/2025 18:45	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.81		0.100	5	08/01/2025 03:10	WG2561628
Barium	71.7		10.0	5	08/01/2025 03:10	WG2561628
Cadmium	0.125		0.100	5	08/01/2025 03:10	WG2561628
Copper	ND		10.0	5	08/01/2025 03:10	WG2561628
Lead	ND		10.0	5	08/01/2025 03:10	WG2561628
Nickel	ND		10.0	5	08/01/2025 03:10	WG2561628
Selenium	0.171		0.100	5	08/01/2025 03:10	WG2561628
Silver	ND		0.500	5	08/01/2025 03:10	WG2561628
Zinc	ND		50.0	5	08/01/2025 03:10	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 19:22	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*91.8*		*77.0-120*		*07/18/2025 19:22*	WG2561829

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	07/18/2025 15:02	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 15:02	WG2562016
Toluene	ND		0.0100	1	07/18/2025 15:02	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 15:02	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 15:02	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 15:02	WG2562016
(S) Toluene-d8	*93.0*		*75.0-131*		*07/18/2025 15:02*	WG2562016
(S) 4-Bromofluorobenzene	*95.4*		*67.0-138*		*07/18/2025 15:02*	WG2562016
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*07/18/2025 15:02*	WG2562016

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	07/21/2025 13:59	WG2561160
C28-C36 Motor Oil Range	14.2		4.00	1	07/21/2025 13:59	WG2561160
(S) o-Terphenyl	*62.0*		*18.0-148*		*07/21/2025 13:59*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 04:48	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 04:48	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 04:48	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 04:48	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 04:48	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 04:48	WG2563491
(S) p-Terphenyl-d14	*66.8*		*23.0-120*		*07/22/2025 04:48*	WG2563491
(S) Nitrobenzene-d5	*60.0*		*14.0-149*		*07/22/2025 04:48*	WG2563491
(S) 2-Fluorobiphenyl	*64.2*		*34.0-125*		*07/22/2025 04:48*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.154		1	07/22/2025 12:18	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 09:18	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.32		1	07/23/2025 12:10	WG2564047

Sample Narrative:

L1879070-07 WG2564047: 7.32 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.106	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:

L1879070-07 WG2564052: 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	07/19/2025 18:48	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.24		0.100	5	08/01/2025 03:13	WG2561628
Barium	44.4		10.0	5	08/01/2025 03:13	WG2561628
Cadmium	ND		0.100	5	08/01/2025 03:13	WG2561628
Copper	ND		10.0	5	08/01/2025 03:13	WG2561628
Lead	ND		10.0	5	08/01/2025 03:13	WG2561628
Nickel	ND		10.0	5	08/01/2025 03:13	WG2561628
Selenium	ND		0.100	5	08/01/2025 03:13	WG2561628
Silver	ND		0.500	5	08/01/2025 03:13	WG2561628
Zinc	ND		50.0	5	08/01/2025 03:13	WG2561628

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/18/2025 19:41	WG2561829
(S) a,a,a-Trifluorotoluene(FID)	*93.9*		*77.0-120*		*07/18/2025 19:41*	WG2561829

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	07/18/2025 15:21	WG2562016
Ethylbenzene	ND		0.0100	1	07/18/2025 15:21	WG2562016
Toluene	ND		0.0100	1	07/18/2025 15:21	WG2562016
1,2,4-Trimethylbenzene	ND		0.00500	1	07/18/2025 15:21	WG2562016
1,3,5-Trimethylbenzene	ND		0.00500	1	07/18/2025 15:21	WG2562016
Xylenes, Total	ND		0.100	1	07/18/2025 15:21	WG2562016
(S) Toluene-d8	*93.4*		*75.0-131*		*07/18/2025 15:21*	WG2562016
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*07/18/2025 15:21*	WG2562016
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*07/18/2025 15:21*	WG2562016

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	07/21/2025 13:45	WG2561160
C28-C36 Motor Oil Range	ND		4.00	1	07/21/2025 13:45	WG2561160
(S) o-Terphenyl	*60.6*		*18.0-148*		*07/21/2025 13:45*	WG2561160

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 05:07	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 05:07	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 05:07	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 05:07	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 05:07	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 05:07	WG2563491
(S) p-Terphenyl-d14	*74.7*		*23.0-120*		*07/22/2025 05:07*	WG2563491
(S) Nitrobenzene-d5	*65.8*		*14.0-149*		*07/22/2025 05:07*	WG2563491
(S) 2-Fluorobiphenyl	*69.6*		*34.0-125*		*07/22/2025 05:07*	WG2563491

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.235		1	07/22/2025 12:36	WG2561967

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/26/2025 09:36	WG2563954

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.12		1	07/23/2025 12:10	WG2564047

Sample Narrative:
L1879070-08 WG2564047: 8.12 at 22.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.218	mmhos/cm		0.0100	1	07/26/2025 21:45	WG2564052

Sample Narrative:
L1879070-08 WG2564052: 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	07/19/2025 18:57	WG2561994

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.28		0.100	5	08/01/2025 03:17	WG2561628
Barium	74.5		10.0	5	08/01/2025 03:17	WG2561628
Cadmium	ND		0.100	5	08/01/2025 03:17	WG2561628
Copper	ND		10.0	5	08/01/2025 03:17	WG2561628
Lead	ND		10.0	5	08/01/2025 03:17	WG2561628
Nickel	ND		10.0	5	08/01/2025 03:17	WG2561628
Selenium	0.164		0.100	5	08/01/2025 03:17	WG2561628
Silver	ND		0.500	5	08/01/2025 03:17	WG2561628
Zinc	ND		50.0	5	08/01/2025 03:17	WG2561628

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	07/19/2025 14:21	WG2562378
(S) a,a,a-Trifluorotoluene(FID)	*102*		*77.0-120*		*07/19/2025 14:21*	WG2562378

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	07/23/2025 12:23	WG2564808
Ethylbenzene	ND		0.0100	1	07/23/2025 12:23	WG2564808
Toluene	ND		0.0100	1	07/23/2025 12:23	WG2564808
1,2,4-Trimethylbenzene	ND		0.00500	1	07/23/2025 12:23	WG2564808
1,3,5-Trimethylbenzene	ND		0.00500	1	07/23/2025 12:23	WG2564808
Xylenes, Total	ND		0.100	1	07/23/2025 12:23	WG2564808
(S) Toluene-d8	*101*		*75.0-131*		*07/23/2025 12:23*	WG2564808
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*07/23/2025 12:23*	WG2564808
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*07/23/2025 12:23*	WG2564808

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	07/23/2025 01:31	WG2563479
C28-C36 Motor Oil Range	4.57	B	4.00	1	07/23/2025 01:31	WG2563479
(S) o-Terphenyl	*69.5*		*18.0-148*		*07/23/2025 01:31*	WG2563479

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Acenaphthene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Acenaphthylene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Benzo(a)anthracene	ND		0.00600	1	07/22/2025 05:27	WG2563491
Benzo(a)pyrene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Benzo(b)fluoranthene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Benzo(g,h,i)perylene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Benzo(k)fluoranthene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Chrysene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Dibenz(a,h)anthracene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Fluoranthene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Fluorene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Naphthalene	ND		0.00300	1	07/22/2025 05:27	WG2563491
Phenanthrene	ND		0.0330	1	07/22/2025 05:27	WG2563491
Pyrene	ND		0.0330	1	07/22/2025 05:27	WG2563491
1-Methylnaphthalene	ND		0.00300	1	07/22/2025 05:27	WG2563491
2-Methylnaphthalene	ND		0.0120	1	07/22/2025 05:27	WG2563491
(S) p-Terphenyl-d14	*65.7*		*23.0-120*		*07/22/2025 05:27*	WG2563491
(S) Nitrobenzene-d5	*56.7*		*14.0-149*		*07/22/2025 05:27*	WG2563491
(S) 2-Fluorobiphenyl	*60.5*		*34.0-125*		*07/22/2025 05:27*	WG2563491

QUALITY CONTROL SUMMARY

L1879070-01,02

Method Blank (MB)

(MB) R4251708-1 07/30/25 11:00

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

L1878989-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1878989-02 07/30/25 11:53 • (DUP) R4251708-3 07/30/25 12:02

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

L1879056-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1879056-09 07/30/25 13:49 • (DUP) R4251708-4 07/30/25 13:58

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) R4251708-2 07/30/25 11:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.50	95.0	80.0-120	

L1879070-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879070-01 07/30/25 14:52 • (MS) R4251708-5 07/30/25 15:00 • (MSD) R4251708-6 07/30/25 15:09

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	0.277	18.1	17.3	89.2	85.0	1	75.0-125			4.76	20

L1879070-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1879070-01 07/30/25 14:52 • (MS) R4251708-7 07/30/25 15:18

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	648	0.277	647	99.9	50	75.0-125	

QUALITY CONTROL SUMMARY

L1879070-03,04,05,06,07,08

Method Blank (MB)

(MB) R4250074-1 07/26/25 08:24

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

L1879070-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1879070-07 07/26/25 09:18 • (DUP) R4250074-3 07/26/25 09:27

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

L1879412-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1879412-03 07/26/25 11:14 • (DUP) R4250074-4 07/26/25 11:23

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) R4250074-2 07/26/25 08:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.24	92.4	80.0-120	

L1879920-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879920-06 07/26/25 12:25 • (MS) R4250074-5 07/26/25 12:34 • (MSD) R4250074-6 07/26/25 12:43

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	ND	5.16	0.000	25.8	1	75.0-125	J6	J3 J6	200	20

L1879920-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1879920-06 07/26/25 12:25 • (MS) R4250074-9 07/26/25 12:52

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	656	ND	458	69.9	50	75.0-125	J6

L1878990-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1878990-01 07/24/25 09:00 • (DUP) R4248943-2 07/24/25 09:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.90	7.92	1	0.253		1

Sample Narrative:

OS: 7.9 at 21.3C

DUP: 7.92 at 21.6C

L1879128-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1879128-10 07/24/25 09:00 • (DUP) R4248943-3 07/24/25 09:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.54	7.57	1	0.397		1

Sample Narrative:

OS: 7.54 at 21C

DUP: 7.57 at 21.3C

Laboratory Control Sample (LCS)

(LCS) R4248943-1 07/24/25 09:00

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 20.7C

L1878981-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1878981-02 07/23/25 12:10 • (DUP) R4248680-2 07/23/25 12:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.16	8.13	1	0.368		1

Sample Narrative:
OS: 8.16 at 22.2C
DUP: 8.13 at 22.2C

L1879075-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1879075-01 07/23/25 12:10 • (DUP) R4248680-3 07/23/25 12:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.70	7.72	1	0.259		1

Sample Narrative:
OS: 7.7 at 22.1C
DUP: 7.72 at 22.4C

Laboratory Control Sample (LCS)

(LCS) R4248680-1 07/23/25 12:10

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 21.5C

Method Blank (MB)

(MB) R4250060-1 07/26/25 21:45

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

Sample Narrative:
BLANK: at 25C

L1878981-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1878981-03 07/26/25 21:45 • (DUP) R4250060-3 07/26/25 21:45

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	0.656	0.653	1	0.458		20

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

L1879070-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1879070-08 07/26/25 21:45 • (DUP) R4250060-4 07/26/25 21:45

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	0.218	0.219	1	0.411		20

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

Laboratory Control Sample (LCS)

(LCS) R4250060-2 07/26/25 21:45

Analyte	Spike Amount mmhos/cm	LCS Result mmhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	0.581	0.544	93.6	90.0-110	

Sample Narrative:
LCS: at 25C

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

Method Blank (MB)

(MB) R4250033-1 07/26/25 18:30

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

Sample Narrative:
BLANK: at 25C

L1878990-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1878990-02 07/26/25 18:30 • (DUP) R4250033-3 07/26/25 18:30

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	0.512	0.512	1	0.000		20

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

L1879070-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1879070-01 07/26/25 18:30 • (DUP) R4250033-4 07/26/25 18:30

Analyte	Original Result mmhos/cm	DUP Result mmhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	1.01	1.01	1	0.0993		20

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

Laboratory Control Sample (LCS)

(LCS) R4250033-2 07/26/25 18:30

Analyte	Spike Amount mmhos/cm	LCS Result mmhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	0.581	0.556	95.7	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4247142-1 07/19/25 11:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0199	0.100

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

(LCS) R4247142-2 07/19/25 11:39 • (LCSD) R4247142-3 07/19/25 11:42

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	0.946	0.952	94.6	95.2	80.0-120			0.654	20

Method Blank (MB)

(MB) R4252353-7 08/01/25 01:59

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

Laboratory Control Sample (LCS)

(LCS) R4252353-8 08/01/25 02:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.2	95.2	80.0-120	
Barium	100	90.2	90.2	80.0-120	
Cadmium	100	98.2	98.2	80.0-120	
Copper	100	91.4	91.4	80.0-120	
Lead	100	88.2	88.2	80.0-120	
Nickel	100	98.2	98.2	80.0-120	
Selenium	100	95.2	95.2	80.0-120	
Silver	20.0	19.0	95.1	80.0-120	
Zinc	100	95.4	95.4	80.0-120	

L1879070-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879070-03 08/01/25 02:05 • (MS) R4252353-11 08/01/25 02:14 • (MSD) R4252353-12 08/01/25 02:18

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	3.58	93.5	101	89.9	97.3	5	75.0-125			7.55	20
Barium	100	80.4	190	170	110	89.4	5	75.0-125			11.3	20
Cadmium	100	0.115	92.4	101	92.3	101	5	75.0-125			8.70	20
Copper	100	ND	92.7	99.8	92.7	99.8	5	75.0-125			7.40	20
Lead	100	ND	92.7	97.7	92.7	97.7	5	75.0-125			5.16	20
Nickel	100	ND	97.9	105	97.9	105	5	75.0-125			6.66	20
Selenium	100	0.183	90.7	97.0	90.5	96.8	5	75.0-125			6.74	20
Silver	20.0	ND	18.4	19.6	91.9	98.1	5	75.0-125			6.44	20
Zinc	100	ND	114	122	114	122	5	75.0-125			6.77	20

Method Blank (MB)

(MB) R4248069-2 07/18/25 14:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0800	0.100
(S) a,a,a-Trifluorotoluene(FID)	*94.8*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R4248069-1 07/18/25 12:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	4.59	91.8	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*77.0-120*	

Method Blank (MB)

(MB) R4247634-3 07/19/25 11:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*

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

(LCS) R4247634-1 07/19/25 10:21 • (LCSD) R4247634-2 07/19/25 10:44

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	4.96	4.93	99.2	98.6	72.0-127			0.607	20
(S) a,a,a-Trifluorotoluene(FID)				*107*	*107*	*77.0-120*				

Method Blank (MB)

(MB) R4247753-2 07/18/25 07:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.00100	0.00100
Ethylbenzene	U		0.0100	0.0100
Toluene	U		0.0100	0.0100
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Xylenes, Total	U		0.100	0.100
(S) Toluene-d8	*93.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4247753-1 07/18/25 06:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.128	102	70.0-123	
Ethylbenzene	0.125	0.116	92.8	74.0-126	
Toluene	0.125	0.110	88.0	75.0-121	
1,2,4-Trimethylbenzene	0.125	0.133	106	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.128	102	73.0-127	
Xylenes, Total	0.375	0.349	93.1	72.0-127	
(S) Toluene-d8			*93.6*	*75.0-131*	
(S) 4-Bromofluorobenzene			*98.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*115*	*70.0-130*	

Method Blank (MB)

(MB) R4248414-3 07/23/25 10:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.00100	0.00100
Ethylbenzene	U		0.0100	0.0100
Toluene	U		0.0100	0.0100
1,2,4-Trimethylbenzene	U		0.00500	0.00500
1,3,5-Trimethylbenzene	U		0.00500	0.00500
Xylenes, Total	U		0.100	0.100
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R4248414-1 07/23/25 07:37 • (LCSD) R4248414-2 07/23/25 09:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.124	0.121	99.2	96.8	70.0-123			2.45	20
Ethylbenzene	0.125	0.117	0.117	93.6	93.6	74.0-126			0.000	20
Toluene	0.125	0.120	0.118	96.0	94.4	75.0-121			1.68	20
1,2,4-Trimethylbenzene	0.125	0.152	0.146	122	117	70.0-126			4.03	20
1,3,5-Trimethylbenzene	0.125	0.148	0.140	118	112	73.0-127			5.56	20
Xylenes, Total	0.375	0.375	0.370	100	98.7	72.0-127			1.34	20
(S) Toluene-d8				*99.4*	*97.2*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.6*	*104*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4247545-1 07/21/25 12:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	0.754	J	0.274	4.00
(S) o-Terphenyl	*58.7*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4247545-2 07/21/25 12:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	36.4	72.8	50.0-150	
(S) o-Terphenyl			*68.2*	*18.0-148*	

L1879070-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879070-01 07/21/25 14:27 • (MS) R4247545-3 07/21/25 14:41 • (MSD) R4247545-4 07/21/25 14:55

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	50.0	50.5	75.0	50.9	49.0	0.818	1	50.0-150	J6	J3 J6	38.3	20
(S) o-Terphenyl					*53.3*	*42.5*		*18.0-148*				

Method Blank (MB)

(MB) R4248236-1 07/22/25 20:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	2.17	J	0.274	4.00
(S) o-Terphenyl	*75.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4248236-2 07/22/25 21:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	38.3	76.6	50.0-150	
(S) o-Terphenyl			*89.5*	*18.0-148*	

L1879056-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879056-11 07/23/25 00:39 • (MS) R4248236-3 07/23/25 00:52 • (MSD) R4248236-4 07/23/25 01:05

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	48.9	ND	42.4	35.8	86.7	74.1	1	50.0-150			16.9	20
(S) o-Terphenyl					*98.3*	*78.9*		*18.0-148*				

Method Blank (MB)

(MB) R4248276-2 07/21/25 23:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.0330	0.0330
Acenaphthene	U		0.0330	0.0330
Acenaphthylene	U		0.0330	0.0330
Benzo(a)anthracene	U		0.00600	0.00600
Benzo(a)pyrene	U		0.0330	0.0330
Benzo(b)fluoranthene	U		0.0330	0.0330
Benzo(g,h,i)perylene	U		0.0330	0.0330
Benzo(k)fluoranthene	U		0.0330	0.0330
Chrysene	U		0.0330	0.0330
Dibenz(a,h)anthracene	U		0.0330	0.0330
Fluoranthene	U		0.0330	0.0330
Fluorene	U		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	U		0.0330	0.0330
Naphthalene	U		0.00300	0.00300
Phenanthrene	U		0.0330	0.0330
Pyrene	U		0.0330	0.0330
1-Methylnaphthalene	U		0.00300	0.00300
2-Methylnaphthalene	U		0.0120	0.0120
(S) p-Terphenyl-d14	*69.2*			*23.0-120*
(S) Nitrobenzene-d5	*60.9*			*14.0-149*
(S) 2-Fluorobiphenyl	*65.9*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4248276-1 07/21/25 23:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0469	58.6	50.0-126	
Acenaphthene	0.0800	0.0496	62.0	50.0-120	
Acenaphthylene	0.0800	0.0472	59.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0504	63.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0446	55.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0579	72.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0541	67.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0527	65.9	49.0-125	
Chrysene	0.0800	0.0573	71.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0546	68.3	47.0-125	
Fluoranthene	0.0800	0.0528	66.0	49.0-129	
Fluorene	0.0800	0.0558	69.8	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4248276-1 07/21/25 23:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0495	61.9	46.0-125	
Naphthalene	0.0800	0.0466	58.3	50.0-120	
Phenanthrene	0.0800	0.0539	67.4	47.0-120	
Pyrene	0.0800	0.0518	64.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0508	63.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0505	63.1	50.0-120	
(S) p-Terphenyl-d14			*77.9*	*23.0-120*	
(S) Nitrobenzene-d5			*71.3*	*14.0-149*	
(S) 2-Fluorobiphenyl			*78.2*	*34.0-125*	

L1879110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879110-01 07/22/25 05:46 • (MS) R4248276-3 07/22/25 06:06 • (MSD) R4248276-4 07/22/25 06:25

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 %
Anthracene	0.0796	0.596	0.938	1.00	430	508	1	10.0-145	V	V	6.40	30
Acenaphthene	0.0796	ND	0.109	0.0825	137	104	1	14.0-127	J5	J3	27.7	27
Acenaphthylene	0.0796	1.01	1.32	1.63	389	779	1	21.0-124	V	V	21.0	25
Benzo(a)anthracene	0.0796	2.70	3.75	4.16	1320	1830	1	10.0-139	V	E V	10.4	30
Benzo(a)pyrene	0.0796	2.63	3.32	3.65	867	1280	1	10.0-141	V	V	9.47	31
Benzo(b)fluoranthene	0.0796	4.33	5.20	5.94	1090	2020	1	10.0-140	E V	E V	13.3	36
Benzo(g,h,i)perylene	0.0796	1.74	2.06	2.38	402	804	1	10.0-140	V	V	14.4	33
Benzo(k)fluoranthene	0.0796	1.26	1.74	1.96	603	879	1	10.0-137	V	V	11.9	31
Chrysene	0.0796	2.86	2.64	2.74	616	741	1	10.0-145	V	V	3.72	30
Dibenz(a,h)anthracene	0.0796	0.443	0.582	0.662	175	275	1	10.0-132	V	V	12.9	31
Fluoranthene	0.0796	3.79	5.76	5.53	2470	2190	1	10.0-153	E V	E V	4.07	33
Fluorene	0.0796	0.0472	0.157	0.118	138	88.9	1	11.0-130	J5		28.4	29
Indeno(1,2,3-cd)pyrene	0.0796	1.99	2.49	2.84	628	1070	1	10.0-137	V	V	13.1	32
Naphthalene	0.0796	0.207	0.181	0.212	0.000	6.28	1	10.0-135	J6	J6	15.8	27
Phenanthrene	0.0796	0.525	1.29	0.710	961	232	1	10.0-144	V	J3 V	58.0	31
Pyrene	0.0796	3.15	4.64	4.71	1870	1960	1	10.0-148	E V	E V	1.50	35
1-Methylnaphthalene	0.0796	0.190	0.193	0.210	3.77	25.1	1	10.0-142	J6		8.44	28
2-Methylnaphthalene	0.0796	0.254	0.229	0.260	0.000	7.54	1	10.0-137	J6	J6	12.7	28
(S) p-Terphenyl-d14					*63.9*	*68.6*		*23.0-120*				
(S) Nitrobenzene-d5					*57.5*	*63.9*		*14.0-149*				
(S) 2-Fluorobiphenyl					*56.0*	*64.5*		*34.0-125*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
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.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	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:	Billing Information:	Pres Chk	Analysis / Container / Preservative	Chain of Custody Page 1 of 1
Chevron - CO **1200 17th St. Floor 10** **Denver, Co 80202**	**1200 17th St. Floor 10** **Denver, Co 80202**		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

Report to:	Email To:
Nathan Champlin - 406-671-8273	**Nathan.Champlin@erm.com**

Project Description:	City/State Collected: CO	Please Circle: PT
Chevron RBU/WYSCAVER USX CC05-25		**MT** CT ET

Regulatory Program(DOD,RCRA,DW,etc):	Client Project #	Lab Project #
	0736294	**CHEGCO-ERM**

Collected by (print):	Site/Facility ID #05-123-33489	P.O. AFE #BCDJ29299
BS, NS, PC, AM, HR, CW, AM, MB		

Collected by (signature):	***Rush?*** (Lab MUST Be Notified)	**Quote #**
Immediately Packed on Ice N ____ Y __X__	____Same Day ____Five Day ___Next Day ___5 Day (Rad Only) ____Two Day ____10 Day (Rad Only) ____Three Day __X__ STD TAT Date Results Needed	

L1879070

SDG # K185

Table #

Acctnum: **CHEGCO**

Template:**T270815** Prelogin:

P1140477 PM: **824 - Chris Ward**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Full Table 915 4oz Clear No Pres	Remarks	Sample # (lab only)
31838-FL-01-SO-4-20250715	G	SS	4	7/15/2025	945	3	x		-01
31838-FL-01-SO-8-20250715	G	SS	8	7/15/2025	955	3	x		-02
31838-FL-01-SO-10-20250715	G	SS	10	7/15/2025	1005	3	x		-03
31838-FL-02-SO-4-20250715	G	SS	4	7/15/2025	1000	3	x		-04
31838-FL-03-SO-4-20250715	G	SS	4	7/15/2025	1040	3	x		-05
31838-FL-04-SO-4-20250715	G	SS	4	7/15/2025	1115	3	x		-06
31838-FL-05-SO-4-20250715	G	SS	4	7/15/2025	1110	3	x		-07
31838-FL-06-SO-4-20250715	G	SS	4	7/15/2025	1145	3	x		-08

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

Remarks:
pH _____ Temp
Flow _____ Other _____

Samples returned via:
UPS FedEx Courier _____

Tracking # MVHI

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
	7/15/25	1400		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 21 MVHI
	07/15/25	1800	SWA	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Kaitlin Cagle	7/16/25 1000

If preservation required by Login: Date/Time

Hold: Condition: NCF OK

Multiple Parcel Form

L# L189070

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA 1	TLM	2.6	+0.4	3.0	Yes / No / Not Present
	TLM	2.3	+0.4	2.7	Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name: Easton Ogan

Date: 7/16/25