

**Chevron - CO**

Sample Delivery Group: L1877335  
Samples Received: 07/10/2025  
Project Number: 27715  
Description: Rural 21-31

Report To: CDH Team  
2115 117th Avenue  
Greeley, CO 80631

Entire Report Reviewed By:



Chris Ward  
Project Manager

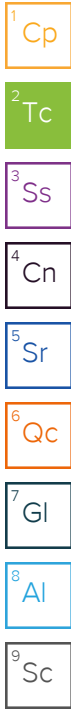
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**Pace Analytical National**

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# SAMPLE SUMMARY

## FL01-R-S@3' L1877335-01

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 11:06  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2558283	1	07/16/25 11:43	07/16/25 11:43	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563611	1	07/29/25 15:52	07/30/25 23:42	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2560831	1	07/16/25 15:28	07/18/25 08:17	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2560837	1	07/16/25 15:31	07/21/25 14:21	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2558298	1	07/14/25 10:53	07/16/25 14:52	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2557969	5	07/12/25 09:42	07/29/25 20:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2558086	1	07/10/25 20:32	07/12/25 15:34	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2557614	1	07/10/25 20:32	07/11/25 17:44	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2558603	1	07/15/25 20:42	07/16/25 12:46	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2558618	1	07/15/25 12:57	07/16/25 06:14	TKW	Mt. Juliet, TN



## FL01-R-W@3' L1877335-02

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 12:26  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2558283	1	07/16/25 11:46	07/16/25 11:46	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563611	1	07/29/25 15:52	07/30/25 23:51	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2560831	1	07/16/25 15:28	07/18/25 08:17	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2560837	1	07/16/25 15:31	07/21/25 14:21	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2558298	1	07/14/25 10:53	07/16/25 15:10	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2557969	5	07/12/25 09:42	07/29/25 20:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2558086	1	07/10/25 20:32	07/12/25 15:56	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2557614	1	07/10/25 20:32	07/11/25 18:06	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2558603	1	07/15/25 20:42	07/16/25 14:21	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2558618	1	07/15/25 12:57	07/16/25 06:33	TKW	Mt. Juliet, TN

## FL01-01@3' L1877335-03

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 12:35  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2558283	1	07/16/25 11:49	07/16/25 11:49	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563611	1	07/29/25 15:52	07/31/25 00:18	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2560831	1	07/16/25 15:28	07/18/25 08:17	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2560837	1	07/16/25 15:31	07/21/25 14:21	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2558298	1	07/14/25 10:53	07/16/25 15:13	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2557969	5	07/12/25 09:42	07/29/25 20:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2558086	1	07/10/25 20:32	07/12/25 16:17	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2557614	1	07/10/25 20:32	07/11/25 18:28	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2558603	1	07/15/25 20:42	07/16/25 13:39	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2559550	1	07/15/25 16:23	07/16/25 00:42	TKW	Mt. Juliet, TN

## FL01-02@3' L1877335-04

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 12:37  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2558283	1	07/16/25 11:52	07/16/25 11:52	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563611	1	07/29/25 15:52	07/31/25 00:36	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2560831	1	07/16/25 15:28	07/18/25 08:17	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2560837	1	07/16/25 15:31	07/21/25 14:21	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2558298	1	07/14/25 10:53	07/16/25 15:16	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2557969	5	07/12/25 09:42	07/29/25 20:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2558086	1	07/10/25 20:32	07/12/25 16:44	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2557614	1	07/10/25 20:32	07/11/25 18:50	ADM	Mt. Juliet, TN

# SAMPLE SUMMARY

## FL01-02@3' L1877335-04

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 12:37  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2558603	1	07/15/25 20:42	07/16/25 13:12	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2559550	1	07/15/25 16:23	07/16/25 01:35	TKW	Mt. Juliet, TN

## FL01-03@3' L1877335-05

Collected by: Simon Gascho  
 Collected date/time: 07/09/25 12:48  
 Received date/time: 07/10/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2558283	1	07/16/25 10:45	07/16/25 10:45	MAP	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2563611	1	07/29/25 15:52	07/31/25 00:45	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2560831	1	07/16/25 15:28	07/18/25 08:17	KCB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2560837	1	07/16/25 15:31	07/21/25 14:21	BJM	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2558298	1	07/14/25 10:53	07/16/25 15:19	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2557969	5	07/12/25 09:42	07/29/25 20:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2558086	1	07/10/25 20:32	07/12/25 17:17	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2557614	1	07/10/25 20:32	07/11/25 19:12	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2560248	1	07/16/25 16:45	07/17/25 14:37	SGB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2559550	1	07/15/25 16:23	07/16/25 01:53	TKW	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# 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

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.147		1	07/16/2025 11:43	WG2558283

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 23:42	<a href="#">WG2563611</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.41		1	07/18/2025 08:17	<a href="#">WG2560831</a>

Sample Narrative:

L1877335-01 WG2560831: 8.41 at 22C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.221	mmhos/cm		0.0100	1	07/21/2025 14:21	<a href="#">WG2560837</a>

Sample Narrative:

L1877335-01 WG2560837: at 25C

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

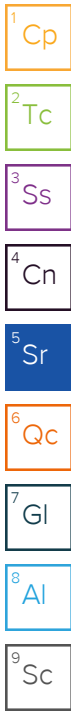
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	07/16/2025 14:52	<a href="#">WG2558298</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.29		0.100	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Barium	66.3		10.0	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Cadmium	0.249		0.100	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Copper	ND		10.0	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Lead	19.0		10.0	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Nickel	ND		10.0	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Selenium	0.409		0.100	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Silver	ND		0.500	5	07/29/2025 20:13	<a href="#">WG2557969</a>
Zinc	ND		50.0	5	07/29/2025 20:13	<a href="#">WG2557969</a>

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	07/12/2025 15:34	<a href="#">WG2558086</a>
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		07/12/2025 15:34	<a href="#">WG2558086</a>



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	07/11/2025 17:44	<a href="#">WG2557614</a>
Ethylbenzene	ND		0.0100	1	07/11/2025 17:44	<a href="#">WG2557614</a>
Toluene	ND		0.0100	1	07/11/2025 17:44	<a href="#">WG2557614</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	07/11/2025 17:44	<a href="#">WG2557614</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	07/11/2025 17:44	<a href="#">WG2557614</a>
Xylenes, Total	ND		0.100	1	07/11/2025 17:44	<a href="#">WG2557614</a>
(S) Toluene-d8	110		75.0-131		07/11/2025 17:44	<a href="#">WG2557614</a>
(S) 4-Bromofluorobenzene	90.8		67.0-138		07/11/2025 17:44	<a href="#">WG2557614</a>
(S) 1,2-Dichloroethane-d4	85.1		70.0-130		07/11/2025 17:44	<a href="#">WG2557614</a>

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

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	07/16/2025 12:46	<a href="#">WG2558603</a>
C28-C36 Motor Oil Range	ND		4.00	1	07/16/2025 12:46	<a href="#">WG2558603</a>
(S) o-Terphenyl	73.1		18.0-148		07/16/2025 12:46	<a href="#">WG2558603</a>

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	07/16/2025 06:14	<a href="#">WG2558618</a>
Acenaphthene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Acenaphthylene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Benzo(a)anthracene	ND		0.00600	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Benzo(a)pyrene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Benzo(b)fluoranthene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Benzo(g,h,i)perylene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Benzo(k)fluoranthene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Chrysene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Dibenz(a,h)anthracene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Fluoranthene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Fluorene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Naphthalene	ND		0.00300	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Phenanthrene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
Pyrene	ND		0.0330	1	07/16/2025 06:14	<a href="#">WG2558618</a>
1-Methylnaphthalene	ND		0.00300	1	07/16/2025 06:14	<a href="#">WG2558618</a>
2-Methylnaphthalene	ND		0.0120	1	07/16/2025 06:14	<a href="#">WG2558618</a>
(S) p-Terphenyl-d14	95.4		23.0-120		07/16/2025 06:14	<a href="#">WG2558618</a>
(S) Nitrobenzene-d5	95.1		14.0-149		07/16/2025 06:14	<a href="#">WG2558618</a>
(S) 2-Fluorobiphenyl	96.7		34.0-125		07/16/2025 06:14	<a href="#">WG2558618</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.456		1	07/16/2025 11:46	WG2558283

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.234		0.200	1	07/30/2025 23:51	<a href="#">WG2563611</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.13		1	07/18/2025 08:17	<a href="#">WG2560831</a>

Sample Narrative:

L1877335-02 WG2560831: 8.13 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.369	mmhos/cm		0.0100	1	07/21/2025 14:21	<a href="#">WG2560837</a>

Sample Narrative:

L1877335-02 WG2560837: at 25C

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

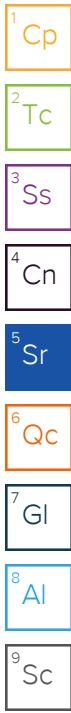
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	07/16/2025 15:10	<a href="#">WG2558298</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.93		0.100	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Barium	272		10.0	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Cadmium	0.124		0.100	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Copper	17.5		10.0	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Lead	ND		10.0	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Nickel	ND		10.0	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Selenium	0.208		0.100	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Silver	ND		0.500	5	07/29/2025 20:16	<a href="#">WG2557969</a>
Zinc	ND		50.0	5	07/29/2025 20:16	<a href="#">WG2557969</a>

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	07/12/2025 15:56	<a href="#">WG2558086</a>
(S) a, a, a-Trifluorotoluene(FID)	101		77.0-120		07/12/2025 15:56	<a href="#">WG2558086</a>



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	07/11/2025 18:06	<a href="#">WG2557614</a>
Ethylbenzene	ND		0.0100	1	07/11/2025 18:06	<a href="#">WG2557614</a>
Toluene	ND		0.0100	1	07/11/2025 18:06	<a href="#">WG2557614</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:06	<a href="#">WG2557614</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:06	<a href="#">WG2557614</a>
Xylenes, Total	ND		0.100	1	07/11/2025 18:06	<a href="#">WG2557614</a>
(S) Toluene-d8	109		75.0-131		07/11/2025 18:06	<a href="#">WG2557614</a>
(S) 4-Bromofluorobenzene	92.8		67.0-138		07/11/2025 18:06	<a href="#">WG2557614</a>
(S) 1,2-Dichloroethane-d4	89.3		70.0-130		07/11/2025 18:06	<a href="#">WG2557614</a>

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

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	16.8		4.00	1	07/16/2025 14:21	<a href="#">WG2558603</a>
C28-C36 Motor Oil Range	34.3		4.00	1	07/16/2025 14:21	<a href="#">WG2558603</a>
(S) o-Terphenyl	64.8		18.0-148		07/16/2025 14:21	<a href="#">WG2558603</a>

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	07/16/2025 06:33	<a href="#">WG2558618</a>
Acenaphthene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Acenaphthylene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Benzo(a)anthracene	ND		0.00600	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Benzo(a)pyrene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Benzo(b)fluoranthene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Benzo(g,h,i)perylene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Benzo(k)fluoranthene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Chrysene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Dibenz(a,h)anthracene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Fluoranthene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Fluorene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Naphthalene	ND		0.00300	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Phenanthrene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
Pyrene	ND		0.0330	1	07/16/2025 06:33	<a href="#">WG2558618</a>
1-Methylnaphthalene	ND		0.00300	1	07/16/2025 06:33	<a href="#">WG2558618</a>
2-Methylnaphthalene	ND		0.0120	1	07/16/2025 06:33	<a href="#">WG2558618</a>
(S) p-Terphenyl-d14	90.3		23.0-120		07/16/2025 06:33	<a href="#">WG2558618</a>
(S) Nitrobenzene-d5	91.8		14.0-149		07/16/2025 06:33	<a href="#">WG2558618</a>
(S) 2-Fluorobiphenyl	92.3		34.0-125		07/16/2025 06:33	<a href="#">WG2558618</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.27		1	07/16/2025 11:49	WG2558283

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.221		0.200	1	07/31/2025 00:18	<a href="#">WG2563611</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.53		1	07/18/2025 08:17	<a href="#">WG2560831</a>

Sample Narrative:

L1877335-03 WG2560831: 7.53 at 22C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.297	mmhos/cm		0.0100	1	07/21/2025 14:21	<a href="#">WG2560837</a>

Sample Narrative:

L1877335-03 WG2560837: 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	07/16/2025 15:13	<a href="#">WG2558298</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.90		0.100	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Barium	70.2		10.0	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Cadmium	0.116		0.100	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Copper	ND		10.0	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Lead	ND		10.0	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Nickel	ND		10.0	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Selenium	0.170		0.100	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Silver	ND		0.500	5	07/29/2025 20:19	<a href="#">WG2557969</a>
Zinc	ND		50.0	5	07/29/2025 20:19	<a href="#">WG2557969</a>

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	07/12/2025 16:17	<a href="#">WG2558086</a>
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		07/12/2025 16:17	<a href="#">WG2558086</a>



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	07/11/2025 18:28	<a href="#">WG2557614</a>
Ethylbenzene	ND		0.0100	1	07/11/2025 18:28	<a href="#">WG2557614</a>
Toluene	ND		0.0100	1	07/11/2025 18:28	<a href="#">WG2557614</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:28	<a href="#">WG2557614</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:28	<a href="#">WG2557614</a>
Xylenes, Total	ND		0.100	1	07/11/2025 18:28	<a href="#">WG2557614</a>
(S) Toluene-d8	111		75.0-131		07/11/2025 18:28	<a href="#">WG2557614</a>
(S) 4-Bromofluorobenzene	93.1		67.0-138		07/11/2025 18:28	<a href="#">WG2557614</a>
(S) 1,2-Dichloroethane-d4	87.2		70.0-130		07/11/2025 18:28	<a href="#">WG2557614</a>

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

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	07/16/2025 13:39	<a href="#">WG2558603</a>
C28-C36 Motor Oil Range	9.17		4.00	1	07/16/2025 13:39	<a href="#">WG2558603</a>
(S) o-Terphenyl	74.6		18.0-148		07/16/2025 13:39	<a href="#">WG2558603</a>

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	07/16/2025 00:42	<a href="#">WG2559550</a>
Acenaphthene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Acenaphthylene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Benzo(a)anthracene	ND		0.00600	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Benzo(a)pyrene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Benzo(b)fluoranthene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Benzo(g,h,i)perylene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Benzo(k)fluoranthene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Chrysene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Dibenz(a,h)anthracene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Fluoranthene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Fluorene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Naphthalene	ND		0.00300	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Phenanthrene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
Pyrene	ND		0.0330	1	07/16/2025 00:42	<a href="#">WG2559550</a>
1-Methylnaphthalene	ND		0.00300	1	07/16/2025 00:42	<a href="#">WG2559550</a>
2-Methylnaphthalene	ND		0.0120	1	07/16/2025 00:42	<a href="#">WG2559550</a>
(S) p-Terphenyl-d14	105		23.0-120		07/16/2025 00:42	<a href="#">WG2559550</a>
(S) Nitrobenzene-d5	91.6		14.0-149		07/16/2025 00:42	<a href="#">WG2559550</a>
(S) 2-Fluorobiphenyl	90.3		34.0-125		07/16/2025 00:42	<a href="#">WG2559550</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.135		1	07/16/2025 11:52	WG2558283

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	0.202		0.200	1	07/31/2025 00:36	<a href="#">WG2563611</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.25		1	07/18/2025 08:17	<a href="#">WG2560831</a>

Sample Narrative:

L1877335-04 WG2560831: 7.25 at 22C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.145	mmhos/cm		0.0100	1	07/21/2025 14:21	<a href="#">WG2560837</a>

Sample Narrative:

L1877335-04 WG2560837: at 25C

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

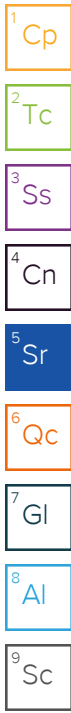
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	07/16/2025 15:16	<a href="#">WG2558298</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.59		0.100	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Barium	60.3		10.0	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Cadmium	0.142		0.100	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Copper	ND		10.0	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Lead	ND		10.0	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Nickel	ND		10.0	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Selenium	0.186		0.100	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Silver	ND		0.500	5	07/29/2025 20:22	<a href="#">WG2557969</a>
Zinc	ND		50.0	5	07/29/2025 20:22	<a href="#">WG2557969</a>

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	07/12/2025 16:44	<a href="#">WG2558086</a>
(S) a, a, a-Trifluorotoluene(FID)	98.2		77.0-120		07/12/2025 16:44	<a href="#">WG2558086</a>



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	07/11/2025 18:50	<a href="#">WG2557614</a>
Ethylbenzene	ND		0.0100	1	07/11/2025 18:50	<a href="#">WG2557614</a>
Toluene	ND		0.0100	1	07/11/2025 18:50	<a href="#">WG2557614</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:50	<a href="#">WG2557614</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	07/11/2025 18:50	<a href="#">WG2557614</a>
Xylenes, Total	ND		0.100	1	07/11/2025 18:50	<a href="#">WG2557614</a>
(S) Toluene-d8	110		75.0-131		07/11/2025 18:50	<a href="#">WG2557614</a>
(S) 4-Bromofluorobenzene	91.6		67.0-138		07/11/2025 18:50	<a href="#">WG2557614</a>
(S) 1,2-Dichloroethane-d4	84.3		70.0-130		07/11/2025 18:50	<a href="#">WG2557614</a>

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

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

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.00	1	07/16/2025 13:12	<a href="#">WG2558603</a>
C28-C36 Motor Oil Range	8.75		4.00	1	07/16/2025 13:12	<a href="#">WG2558603</a>
(S) o-Terphenyl	64.3		18.0-148		07/16/2025 13:12	<a href="#">WG2558603</a>

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	07/16/2025 01:35	<a href="#">WG2559550</a>
Acenaphthene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Acenaphthylene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Benzo(a)anthracene	ND		0.00600	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Benzo(a)pyrene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Benzo(b)fluoranthene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Benzo(g,h,i)perylene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Benzo(k)fluoranthene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Chrysene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Dibenz(a,h)anthracene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Fluoranthene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Fluorene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Naphthalene	ND		0.00300	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Phenanthrene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
Pyrene	ND		0.0330	1	07/16/2025 01:35	<a href="#">WG2559550</a>
1-Methylnaphthalene	ND		0.00300	1	07/16/2025 01:35	<a href="#">WG2559550</a>
2-Methylnaphthalene	ND		0.0120	1	07/16/2025 01:35	<a href="#">WG2559550</a>
(S) p-Terphenyl-d14	95.5		23.0-120		07/16/2025 01:35	<a href="#">WG2559550</a>
(S) Nitrobenzene-d5	78.7		14.0-149		07/16/2025 01:35	<a href="#">WG2559550</a>
(S) 2-Fluorobiphenyl	82.3		34.0-125		07/16/2025 01:35	<a href="#">WG2559550</a>

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.168		1	07/16/2025 10:45	WG2558283

Wet Chemistry by Method 7199

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.200	1	07/31/2025 00:45	<a href="#">WG2563611</a>

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.91		1	07/18/2025 08:17	<a href="#">WG2560831</a>

Sample Narrative:

L1877335-05 WG2560831: 6.91 at 21.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	0.133	mmhos/cm		0.0100	1	07/21/2025 14:21	<a href="#">WG2560837</a>

Sample Narrative:

L1877335-05 WG2560837: at 25C

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

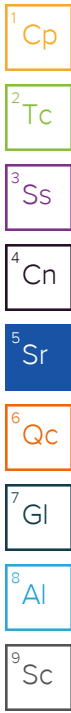
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	07/16/2025 15:19	<a href="#">WG2558298</a>

Metals (ICPMS) by Method 6020B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.79		0.100	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Barium	64.4		10.0	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Cadmium	ND		0.100	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Copper	ND		10.0	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Lead	ND		10.0	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Nickel	ND		10.0	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Selenium	0.137		0.100	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Silver	ND		0.500	5	07/29/2025 20:25	<a href="#">WG2557969</a>
Zinc	ND		50.0	5	07/29/2025 20:25	<a href="#">WG2557969</a>

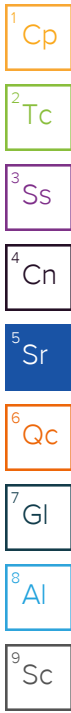
Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		0.100	1	07/12/2025 17:17	<a href="#">WG2558086</a>
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		07/12/2025 17:17	<a href="#">WG2558086</a>



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	07/11/2025 19:12	<a href="#">WG2557614</a>
Ethylbenzene	ND		0.0100	1	07/11/2025 19:12	<a href="#">WG2557614</a>
Toluene	ND		0.0100	1	07/11/2025 19:12	<a href="#">WG2557614</a>
1,2,4-Trimethylbenzene	ND		0.00500	1	07/11/2025 19:12	<a href="#">WG2557614</a>
1,3,5-Trimethylbenzene	ND		0.00500	1	07/11/2025 19:12	<a href="#">WG2557614</a>
Xylenes, Total	ND		0.100	1	07/11/2025 19:12	<a href="#">WG2557614</a>
(S) Toluene-d8	112		75.0-131		07/11/2025 19:12	<a href="#">WG2557614</a>
(S) 4-Bromofluorobenzene	93.3		67.0-138		07/11/2025 19:12	<a href="#">WG2557614</a>
(S) 1,2-Dichloroethane-d4	84.0		70.0-130		07/11/2025 19:12	<a href="#">WG2557614</a>



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	07/17/2025 14:37	<a href="#">WG2560248</a>
C28-C36 Motor Oil Range	18.9		4.00	1	07/17/2025 14:37	<a href="#">WG2560248</a>
(S) o-Terphenyl	78.7		18.0-148		07/17/2025 14:37	<a href="#">WG2560248</a>

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	07/16/2025 01:53	<a href="#">WG2559550</a>
Acenaphthene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Acenaphthylene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Benzo(a)anthracene	ND		0.00600	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Benzo(a)pyrene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Benzo(b)fluoranthene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Benzo(g,h,i)perylene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Benzo(k)fluoranthene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Chrysene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Dibenz(a,h)anthracene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Fluoranthene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Fluorene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Indeno(1,2,3-cd)pyrene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Naphthalene	ND		0.00300	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Phenanthrene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
Pyrene	ND		0.0330	1	07/16/2025 01:53	<a href="#">WG2559550</a>
1-Methylnaphthalene	ND		0.00300	1	07/16/2025 01:53	<a href="#">WG2559550</a>
2-Methylnaphthalene	ND		0.0120	1	07/16/2025 01:53	<a href="#">WG2559550</a>
(S) p-Terphenyl-d14	110		23.0-120		07/16/2025 01:53	<a href="#">WG2559550</a>
(S) Nitrobenzene-d5	93.1		14.0-149		07/16/2025 01:53	<a href="#">WG2559550</a>
(S) 2-Fluorobiphenyl	93.3		34.0-125		07/16/2025 01:53	<a href="#">WG2559550</a>

Method Blank (MB)

(MB) R4251862-1 07/30/25 22:31

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Hexavalent Chromium	U		0.200	0.200

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1877335-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1877335-03 07/31/25 00:18 • (DUP) R4251862-7 07/31/25 00:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.221	0.250	1	11.9		20

L1877337-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1877337-08 07/31/25 02:15 • (DUP) R4251862-8 07/31/25 02:24

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

Laboratory Control Sample (LCS)

(LCS) R4251862-2 07/30/25 22:39

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	9.34	93.4	80.0-120	

L1877331-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877331-11 07/30/25 22:48 • (MS) R4251862-4 07/30/25 23:06 • (MSD) R4251862-5 07/30/25 23:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	20.0	ND	16.8	17.2	83.9	86.2	1	75.0-125			2.69	20

L1877331-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1877331-11 07/30/25 22:48 • (MS) R4251862-6 07/30/25 23:24

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Hexavalent Chromium	656	ND	659	100	50	75.0-125	

L1877294-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877294-01 07/18/25 08:17 • (DUP) R4246639-2 07/18/25 08:17

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.97	7.97	1	0.000		1

Sample Narrative:

OS: 7.97 at 22.2C  
DUP: 7.97 at 22.4C

L1877914-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1877914-06 07/18/25 08:17 • (DUP) R4246639-3 07/18/25 08:17

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
su	su			%		%
pH	7.21	7.21	1	0.000		1

Sample Narrative:

OS: 7.21 at 21.9C  
DUP: 7.21 at 22.2C

Laboratory Control Sample (LCS)

(LCS) R4246639-1 07/18/25 08:17

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

Sample Narrative:

LCS: 10.01 at 22.4C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4247589-1 07/21/25 14:21

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	U		0.0100	0.0100

Sample Narrative:

BLANK: at 25C

L1877294-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1877294-02 07/21/25 14:21 • (DUP) R4247589-3 07/21/25 14:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	0.182	0.183	1	0.439		20

Sample Narrative:

OS: at 25C  
DUP: at 25C

L1877914-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877914-01 07/21/25 14:21 • (DUP) R4247589-4 07/21/25 14:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	6.16	6.19	1	0.486		20

Sample Narrative:

OS: at 25C  
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4247589-2 07/21/25 14:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	0.581	0.583	100	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) R4245894-1 07/16/25 11:49

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) R4245894-2 07/16/25 11:52 • (LCSD) R4245894-3 07/16/25 11:55

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	0.949	94.6	94.9	80.0-120			0.311	20

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

Method Blank (MB)

(MB) R4251126-1 07/29/25 18:44

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

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4251126-2 07/29/25 18:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	110	110	80.0-120	
Barium	100	107	107	80.0-120	
Cadmium	100	114	114	80.0-120	
Copper	100	109	109	80.0-120	
Lead	100	107	107	80.0-120	
Nickel	100	117	117	80.0-120	
Selenium	100	103	103	80.0-120	
Silver	20.0	22.7	113	80.0-120	
Zinc	100	110	110	80.0-120	

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1876852-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1876852-07 07/29/25 18:50 • (MS) R4251126-5 07/29/25 19:00 • (MSD) R4251126-6 07/29/25 19:03

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	6.11	95.9	105	89.7	98.5	5	75.0-125			8.75	20
Barium	100	10200	10100	11100	0.000	872	5	75.0-125	<u>E V</u>	<u>E V</u>	9.03	20
Cadmium	100	4.19	101	108	97.0	104	5	75.0-125			6.95	20
Copper	100	15.6	108	116	92.4	99.9	5	75.0-125			6.74	20
Lead	100	82.0	170	181	87.7	99.4	5	75.0-125			6.65	20
Nickel	100	13.1	110	118	97.3	105	5	75.0-125			6.39	20
Selenium	100	0.322	89.3	96.8	89.0	96.5	5	75.0-125			8.03	20
Silver	20.0	ND	18.8	20.4	93.9	102	5	75.0-125			8.06	20
Zinc	100	163	238	256	75.3	93.7	5	75.0-125	<u>E</u>	<u>E</u>	7.43	20

Method Blank (MB)

(MB) R4245681-2 07/12/25 11:47

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
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)	101			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4245681-1 07/12/25 10:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.47	109	72.0-127	
<sup>(S)</sup> a,a,a-Trifluorotoluene(FID)			109	77.0-120	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4244556-3 07/11/25 11:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	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	109			75.0-131
(S) 4-Bromofluorobenzene	86.9			67.0-138
(S) 1,2-Dichloroethane-d4	89.5			70.0-130

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

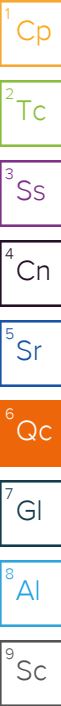
(LCS) R4244556-1 07/11/25 10:03 • (LCSD) R4244556-2 07/11/25 10:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Benzene	0.125	0.107	0.104	85.6	83.2	70.0-123			2.84	20
Ethylbenzene	0.125	0.114	0.106	91.2	84.8	74.0-126			7.27	20
Toluene	0.125	0.119	0.113	95.2	90.4	75.0-121			5.17	20
1,2,4-Trimethylbenzene	0.125	0.123	0.110	98.4	88.0	70.0-126			11.2	20
1,3,5-Trimethylbenzene	0.125	0.122	0.115	97.6	92.0	73.0-127			5.91	20
Xylenes, Total	0.375	0.341	0.330	90.9	88.0	72.0-127			3.28	20
(S) Toluene-d8				106	106	75.0-131				
(S) 4-Bromofluorobenzene				88.8	88.8	67.0-138				
(S) 1,2-Dichloroethane-d4				91.9	99.0	70.0-130				

L1877330-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877330-04 07/11/25 16:16 • (MS) R4244556-4 07/11/25 20:39 • (MSD) R4244556-5 07/11/25 21:01

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.125	ND	0.132	0.115	106	92.0	1	10.0-149			13.8	37
Ethylbenzene	0.125	ND	0.138	0.123	110	98.4	1	10.0-160			11.5	38
Toluene	0.125	ND	0.140	0.129	112	103	1	10.0-156			8.18	38
1,2,4-Trimethylbenzene	0.125	ND	0.135	0.119	108	95.2	1	10.0-160			12.6	36
1,3,5-Trimethylbenzene	0.125	ND	0.140	0.127	112	102	1	10.0-160			9.74	38
Xylenes, Total	0.375	ND	0.431	0.368	115	98.1	1	10.0-160			15.8	38
(S) Toluene-d8					108	107		75.0-131				
(S) 4-Bromofluorobenzene					87.7	86.8		67.0-138				
(S) 1,2-Dichloroethane-d4					93.6	90.3		70.0-130				



Method Blank (MB)

(MB) R4245859-1 07/16/25 10:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	68.3			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4245859-2 07/16/25 10:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	35.4	70.8	50.0-150	
(S) o-Terphenyl			72.8	18.0-148	

L1877335-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877335-03 07/16/25 13:39 • (MS) R4245859-3 07/16/25 13:53 • (MSD) R4245859-4 07/16/25 14:07

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	33.9	31.3	63.9	60.5	1	50.0-150			7.98	20
(S) o-Terphenyl					67.4	64.9		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4246477-1 07/17/25 09:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C36 Motor Oil Range	U		0.274	4.00
(S) o-Terphenyl	74.6			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4246477-2 07/17/25 09:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	43.6	87.2	50.0-150	
(S) o-Terphenyl			97.0	18.0-148	

L1877924-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877924-02 07/17/25 11:30 • (MS) R4246477-3 07/17/25 11:43 • (MSD) R4246477-4 07/17/25 11:56

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	48.6	ND	43.3	43.7	89.1	89.4	1	50.0-150			0.920	20
(S) o-Terphenyl					94.6	94.3		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4245530-2 07/15/25 23:55

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	88.1			23.0-120
(S) Nitrobenzene-d5	85.3			14.0-149
(S) 2-Fluorobiphenyl	84.8			34.0-125

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Laboratory Control Sample (LCS)

(LCS) R4245530-1 07/15/25 23:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0581	72.6	50.0-126	
Acenaphthene	0.0800	0.0564	70.5	50.0-120	
Acenaphthylene	0.0800	0.0598	74.8	50.0-120	
Benzo(a)anthracene	0.0800	0.0625	78.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0493	61.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0650	81.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0632	79.0	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0653	81.6	49.0-125	
Chrysene	0.0800	0.0628	78.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0667	83.4	47.0-125	
Fluoranthene	0.0800	0.0638	79.8	49.0-129	
Fluorene	0.0800	0.0601	75.1	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4245530-1 07/15/25 23:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0624	78.0	46.0-125	
Naphthalene	0.0800	0.0609	76.1	50.0-120	
Phenanthrene	0.0800	0.0622	77.8	47.0-120	
Pyrene	0.0800	0.0604	75.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0666	83.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0634	79.3	50.0-120	
<i>(S) p-Terphenyl-d14</i>			90.4	23.0-120	
<i>(S) Nitrobenzene-d5</i>			86.2	14.0-149	
<i>(S) 2-Fluorobiphenyl</i>			89.3	34.0-125	

L1877288-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877288-02 07/16/25 00:13 • (MS) R4245530-3 07/16/25 00:32 • (MSD) R4245530-4 07/16/25 00:51

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	0.0784	ND	0.0605	0.0605	77.2	76.8	1	10.0-145			0.000	30
Acenaphthene	0.0784	ND	0.0589	0.0546	75.1	69.3	1	14.0-127			7.58	27
Acenaphthylene	0.0784	ND	0.0616	0.0612	78.6	77.7	1	21.0-124			0.651	25
Benzo(a)anthracene	0.0784	ND	0.0660	0.0626	84.2	79.4	1	10.0-139			5.29	30
Benzo(a)pyrene	0.0784	ND	0.0602	0.0554	76.8	70.3	1	10.0-141			8.30	31
Benzo(b)fluoranthene	0.0784	ND	0.0563	0.0501	71.8	63.6	1	10.0-140			11.7	36
Benzo(g,h,i)perylene	0.0784	ND	0.0803	0.0488	102	61.9	1	10.0-140	J3		48.8	33
Benzo(k)fluoranthene	0.0784	ND	0.0570	0.0509	72.7	64.6	1	10.0-137			11.3	31
Chrysene	0.0784	ND	0.0639	0.0576	81.5	73.1	1	10.0-145			10.4	30
Dibenz(a,h)anthracene	0.0784	ND	0.0860	0.0530	110	67.3	1	10.0-132	J3		47.5	31
Fluoranthene	0.0784	ND	0.0603	0.0617	76.9	78.3	1	10.0-153			2.30	33
Fluorene	0.0784	ND	0.0607	0.0573	77.4	72.7	1	11.0-130			5.76	29
Indeno(1,2,3-cd)pyrene	0.0784	ND	0.0818	0.0512	104	65.0	1	10.0-137	J3		46.0	32
Naphthalene	0.0784	ND	0.0613	0.0569	78.2	72.2	1	10.0-135			7.45	27
Phenanthrene	0.0784	ND	0.0602	0.0573	76.8	72.7	1	10.0-144			4.94	31
Pyrene	0.0784	ND	0.0644	0.0539	82.1	68.4	1	10.0-148			17.8	35
1-Methylnaphthalene	0.0784	ND	0.0645	0.0610	82.3	77.4	1	10.0-142			5.58	28
2-Methylnaphthalene	0.0784	ND	0.0627	0.0592	80.0	75.1	1	10.0-137			5.74	28
<i>(S) p-Terphenyl-d14</i>					102	78.8		23.0-120				
<i>(S) Nitrobenzene-d5</i>					98.0	89.6		14.0-149				
<i>(S) 2-Fluorobiphenyl</i>					94.1	81.1		34.0-125				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4245527-2 07/16/25 00:25

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
<i>(S) p-Terphenyl-d14</i>	105			23.0-120
<i>(S) Nitrobenzene-d5</i>	92.3			14.0-149
<i>(S) 2-Fluorobiphenyl</i>	90.4			34.0-125

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Laboratory Control Sample (LCS)

(LCS) R4245527-1 07/16/25 00:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0524	65.5	50.0-126	
Acenaphthene	0.0800	0.0516	64.5	50.0-120	
Acenaphthylene	0.0800	0.0514	64.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0569	71.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0457	57.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0631	78.9	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0621	77.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0605	75.6	49.0-125	
Chrysene	0.0800	0.0580	72.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0633	79.1	47.0-125	
Fluoranthene	0.0800	0.0550	68.8	49.0-129	
Fluorene	0.0800	0.0588	73.5	49.0-120	

Laboratory Control Sample (LCS)

(LCS) R4245527-1 07/16/25 00:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Indeno(1,2,3-cd)pyrene	0.0800	0.0620	77.5	46.0-125	
Naphthalene	0.0800	0.0535	66.9	50.0-120	
Phenanthrene	0.0800	0.0576	72.0	47.0-120	
Pyrene	0.0800	0.0598	74.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0572	71.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0556	69.5	50.0-120	
(S) p-Terphenyl-d14			109	23.0-120	
(S) Nitrobenzene-d5			92.2	14.0-149	
(S) 2-Fluorobiphenyl			89.1	34.0-125	

L1877335-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877335-03 07/16/25 00:42 • (MS) R4245527-3 07/16/25 01:00 • (MSD) R4245527-4 07/16/25 01:18

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 %
Anthracene	0.0772	ND	0.0546	0.0598	70.7	76.3	1	10.0-145			9.09	30
Acenaphthene	0.0772	ND	0.0509	0.0565	65.9	72.1	1	14.0-127			10.4	27
Acenaphthylene	0.0772	ND	0.0521	0.0587	67.5	74.9	1	21.0-124			11.9	25
Benzo(a)anthracene	0.0772	ND	0.0547	0.0602	70.9	76.8	1	10.0-139			9.57	30
Benzo(a)pyrene	0.0772	ND	0.0550	0.0604	71.2	77.0	1	10.0-141			9.36	31
Benzo(b)fluoranthene	0.0772	ND	0.0576	0.0612	74.6	78.1	1	10.0-140			6.06	36
Benzo(g,h,i)perylene	0.0772	ND	0.0552	0.0602	71.5	76.8	1	10.0-140			8.67	33
Benzo(k)fluoranthene	0.0772	ND	0.0538	0.0600	69.7	76.5	1	10.0-137			10.9	31
Chrysene	0.0772	ND	0.0560	0.0622	72.5	79.3	1	10.0-145			10.5	30
Dibenz(a,h)anthracene	0.0772	ND	0.0575	0.0647	74.5	82.5	1	10.0-132			11.8	31
Fluoranthene	0.0772	ND	0.0546	0.0599	70.7	76.4	1	10.0-153			9.26	33
Fluorene	0.0772	ND	0.0565	0.0628	73.2	80.1	1	11.0-130			10.6	29
Indeno(1,2,3-cd)pyrene	0.0772	ND	0.0563	0.0596	72.9	76.0	1	10.0-137			5.69	32
Naphthalene	0.0772	ND	0.0518	0.0589	67.1	75.1	1	10.0-135			12.8	27
Phenanthrene	0.0772	ND	0.0565	0.0622	73.2	79.3	1	10.0-144			9.60	31
Pyrene	0.0772	ND	0.0571	0.0628	74.0	80.1	1	10.0-148			9.51	35
1-Methylnaphthalene	0.0772	ND	0.0547	0.0630	70.9	80.4	1	10.0-142			14.1	28
2-Methylnaphthalene	0.0772	ND	0.0552	0.0607	71.5	77.4	1	10.0-137			9.49	28
(S) p-Terphenyl-d14					99.0	113		23.0-120				
(S) Nitrobenzene-d5					93.2	101		14.0-149				
(S) 2-Fluorobiphenyl					88.2	96.5		34.0-125				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

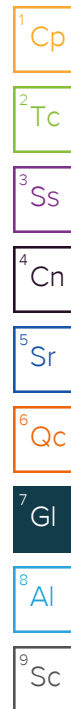
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
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
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J3	The associated batch QC was outside the established quality control range for precision.
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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn


<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Company Name/Address: <b>Chevron - CO</b>  2115 117th Avenue Greeley, CO 80631		Billing Information: <b>Dan Peterson</b> 2115 117th Avenue Greeley, CO 80631		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page ___ of ___				
Report to: <b>CDH Team 970-304-5000</b>		Email To: <b>danpeterson@chevron.com; CVX-PM@cdhconsult.com; jason.davidson@chevron.</b>														 <b>MT JULIET, TN</b> <small>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: <a href="https://info.pacelabs.com/hubfs/pas-standard-terms.pdf">https://info.pacelabs.com/hubfs/pas-standard-terms.pdf</a></small>				
Project Description: <b>Rural 21-31</b>		City/State Collected:		Please Circle: PT MT CT ET																
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # <b>27715</b>		Lab Project # <b>CHEGCO-CDH</b>												SDG # <b>WJMS</b> <b>D188</b>				
Collected by (print): <b>Simon Hertzler Gascho</b>		Site/Facility ID #		P.O. #												Acctnum: <b>CHEGCO</b> Template: <b>T270844</b>				
Collected by (signature): <i>Simon Hertzler Gascho</i>		<b>Rush?</b> (Lab MUST Be Notified)		Quote #												Prelogin: <b>P1140482</b> PM: <b>824 - Chris Ward</b> PB:				
Immediately Packed on Ice N ___ Y <b>X</b>		<input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input checked="" type="checkbox"/> STD TAT		Date Results Needed												Shipped Via: <b>FedEX Ground</b>				
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs											Remarks	Sample # (lab only)	
FLO1-R-S@3'		Grab	SS	3'	7/9/25	1106	3	X												01
FLO1-R-W@3'		↓	SS	↓	↓	1226	↓	X												02
FLO1-01@3'		↓	↓	↓	↓	1235	↓	X												03
FLO1-02@3'		↓	↓	↓	↓	1237	↓	X												04
FLO1-03@3'		↓	↓	↓	↓	1248	↓	X												05
* Matrix: SS - Soil   AIR - Air   F - Filter GW - Groundwater   B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____		Remarks:		pH _____ Temp _____		Flow _____ Other _____												<b>Sample Receipt Checklist</b> COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Courier		Tracking #																		
Relinquished by: (Signature) <i>Simon Hertzler Gascho</i>		Date: 7/9/25	Time: 1708	Received by: (Signature) <i>[Signature]</i>		Trip Blank Received: Yes / No HCL / MeOH TBR														
Relinquished by: (Signature) <i>[Signature]</i>		Date: 07/09/25	Time: 1800	Received by: (Signature) <i>SWA</i>		Temp: °C    Bottles Received: 15 TLA 0.6 + 0.4 = 1.0												If preservation required by Login: Date/Time		
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>		Date: 7/10/25    Time: 9:00am												Hold:    Condition: NCF / OK		