

December 02, 2025

Revised Report

Civitas - CO

Sample Delivery Group: L1913844
Samples Received: 11/01/2025
Project Number: 203724474
Description: Federal 32-10
Site: REM# 41913
Report To: Civitas - Stantec
6855 W. 118th Ave
Broomfield, CO 80020

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Entire Report Reviewed By:



Mandi Edwards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

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SAMPLE SUMMARY

FL1-B12@4 L1913844-01

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 16:40
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634326	1	11/05/25 23:05	11/05/25 23:05	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632450	1	11/04/25 09:03	11/04/25 09:11	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 21:43	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634797	1	11/06/25 11:15	11/06/25 12:30	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634807	1	11/07/25 19:29	11/07/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634318	1	11/05/25 13:57	11/05/25 17:40	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1.04	11/04/25 07:41	11/22/25 17:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 21:43	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2633709	1	11/03/25 15:26	11/05/25 12:05	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632081	1	11/03/25 09:07	11/05/25 02:45	GTW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 04:51	CMF	Mt. Juliet, TN



FL1-B1@3 L1913844-02

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 17:05
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634326	1	11/05/25 23:08	11/05/25 23:08	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632450	1	11/04/25 09:03	11/04/25 09:11	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 22:17	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634797	1	11/06/25 11:15	11/06/25 12:30	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634807	1	11/07/25 19:29	11/07/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634318	1	11/05/25 13:57	11/05/25 17:43	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 17:55	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 22:05	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 02:05	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632081	1	11/03/25 09:07	11/05/25 02:32	GTW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 05:09	CMF	Mt. Juliet, TN

FL1-B3@3 L1913844-03

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 17:20
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634315	1	11/06/25 00:31	11/06/25 00:31	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632450	1	11/04/25 09:03	11/04/25 09:11	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 22:28	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634797	1	11/06/25 11:15	11/06/25 12:30	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634807	1	11/07/25 19:29	11/07/25 21:45	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634310	1	11/05/25 16:06	11/06/25 13:12	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 17:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 22:28	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 02:24	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632590	1	11/04/25 05:23	11/04/25 15:10	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 01:34	CMF	Mt. Juliet, TN

FL1-B5@3 L1913844-04

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 17:35
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634315	1	11/06/25 00:33	11/06/25 00:33	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632450	1	11/04/25 09:03	11/04/25 09:11	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 22:39	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634797	1	11/06/25 11:15	11/06/25 12:30	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634807	1	11/07/25 19:29	11/07/25 21:45	KRB	Mt. Juliet, TN

SAMPLE SUMMARY

FL1-B5@3 L1913844-04

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 17:35
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D (S-7.10)	WG2634310	1	11/05/25 16:06	11/06/25 13:15	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 17:36	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 22:51	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 02:43	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632590	1	11/04/25 05:23	11/04/25 12:21	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 05:27	CMF	Mt. Juliet, TN



FL1-B7@3 L1913844-05

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 17:50
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634315	1	11/06/25 00:35	11/06/25 00:35	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632920	1	11/04/25 05:18	11/04/25 05:26	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 22:50	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634798	1	11/06/25 10:39	11/06/25 12:23	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634808	1	11/06/25 10:40	11/07/25 22:35	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634310	1	11/05/25 16:06	11/06/25 13:18	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 18:09	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 23:14	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 03:02	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632590	1	11/04/25 05:23	11/04/25 12:35	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 05:45	CMF	Mt. Juliet, TN



FL1-B9@3 L1913844-06

Collected by: Sam O'Boyle
 Collected date/time: 10/29/25 18:05
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634315	1	11/06/25 00:36	11/06/25 00:36	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632920	1	11/04/25 05:18	11/04/25 05:26	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 23:01	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634798	1	11/06/25 10:39	11/06/25 12:23	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634808	1	11/06/25 10:40	11/07/25 22:35	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634310	1	11/05/25 16:06	11/06/25 13:26	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 18:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 23:36	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 03:22	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632590	1	11/04/25 05:23	11/04/25 12:49	KDB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 06:03	CMF	Mt. Juliet, TN

FL1-B11@3 L1913844-07

Collected by: Sam O'Boyle
 Collected date/time: 10/30/25 07:10
 Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2634326	1	11/05/25 23:10	11/05/25 23:10	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2632920	1	11/04/25 05:18	11/04/25 05:26	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2632454	1	11/04/25 15:33	11/07/25 23:12	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2634798	1	11/06/25 10:39	11/06/25 12:23	BJM	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2634808	1	11/06/25 10:40	11/07/25 22:35	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2634318	1	11/05/25 13:57	11/05/25 17:46	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2632975	1	11/04/25 07:41	11/22/25 18:15	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2634380	25	11/03/25 15:26	11/05/25 23:59	AEB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2634616	1	11/03/25 15:26	11/06/25 03:41	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015M	WG2632590	1	11/04/25 05:23	11/04/25 15:24	KDB	Mt. Juliet, TN

SAMPLE SUMMARY

FL1-B11@3 L1913844-07

Collected by: Sam O'Boyle
Collected date/time: 10/30/25 07:10
Received date/time: 11/01/25 15:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2632614	1	11/04/25 07:04	11/05/25 06:21	CMF	Mt. Juliet, TN

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

CASE NARRATIVE

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



Mandi Edwards
Project Manager

Report Revision History

Level II Report - Version 1: 11/24/25 09:35

Project Comments

Update Samples ID: MLE 12/01/2025

WH1-B1@4 to FL1-B12@4

Sample Delivery Group (SDG) Narrative

Samples for VOC analysis were received in bulk containers. Preservation for method 5035 was not performed within 48 hours of collection.

Batch	Method	Lab Sample ID
WG2633709	8260D	L1913844-01
WG2634380	8015D	L1913844-01, 02, 03, 04, 05, 06, 07
WG2634616	8260D	L1913844-02, 03, 04, 05, 06, 07

Wet Chemistry by Method 7199

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

Batch	Lab Sample ID	Analytes
WG2632454	(MS) R4298197-5	Hexavalent Chromium

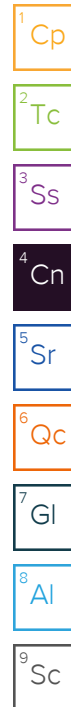
Semi-Volatile Organic Compounds (GC) by Method 8015M

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

Batch	Analyte	Lab Sample ID
WG2632590	o-Terphenyl	(MS) R4296305-3, (MSD) R4296305-4

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

Batch	Lab Sample ID	Analytes
WG2632590	(MS) R4296305-3, (MSD) R4296305-4	C10-C28 Diesel Range



Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.605		1	11/05/2025 23:05	WG2634326

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.3		1	11/04/2025 09:11	WG2632450

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.208	1	11/07/2025 21:43	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.06		1	11/06/2025 12:30	WG2634797

Sample Narrative:

L1913844-01 WG2634797: 8.06 at 18.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	220	umhos/cm		10.0	1	11/07/2025 21:45	WG2634807

Sample Narrative:

L1913844-01 WG2634807: at 25C

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

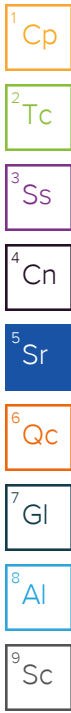
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	11/05/2025 17:40	WG2634318

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.13		0.108	1.04	11/22/2025 17:52	WG2632975
Barium	39.0		10.8	1.04	11/22/2025 17:52	WG2632975
Cadmium	ND		0.108	1.04	11/22/2025 17:52	WG2632975
Copper	ND		10.8	1.04	11/22/2025 17:52	WG2632975
Lead	18.9		10.8	1.04	11/22/2025 17:52	WG2632975
Nickel	ND		10.8	1.04	11/22/2025 17:52	WG2632975
Selenium	0.212		0.108	1.04	11/22/2025 17:52	WG2632975
Silver	ND		0.540	1.04	11/22/2025 17:52	WG2632975
Zinc	ND		54.0	1.04	11/22/2025 17:52	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.69	25	11/05/2025 21:43	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	101		77.0-120		11/05/2025 21:43	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00108	1	11/05/2025 12:05	WG2633709
Ethylbenzene	ND		0.0108	1	11/05/2025 12:05	WG2633709
Toluene	ND		0.0108	1	11/05/2025 12:05	WG2633709
1,2,4-Trimethylbenzene	ND		0.00538	1	11/05/2025 12:05	WG2633709
1,3,5-Trimethylbenzene	ND		0.00538	1	11/05/2025 12:05	WG2633709
Xylenes, Total	ND		0.108	1	11/05/2025 12:05	WG2633709
(S) Toluene-d8	102		75.0-131		11/05/2025 12:05	WG2633709
(S) 4-Bromofluorobenzene	95.7		67.0-138		11/05/2025 12:05	WG2633709
(S) 1,2-Dichloroethane-d4	95.9		70.0-130		11/05/2025 12:05	WG2633709

- 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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.15	1	11/05/2025 02:45	WG2632081
C28-C36 Motor Oil Range	6.89		4.15	1	11/05/2025 02:45	WG2632081
(S) o-Terphenyl	84.2		18.0-148		11/05/2025 02:45	WG2632081

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Anthracene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Benzo(a)anthracene	ND		0.00623	1	11/05/2025 04:51	WG2632614
Benzo(b)fluoranthene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Benzo(k)fluoranthene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Benzo(a)pyrene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Chrysene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Dibenz(a,h)anthracene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Fluoranthene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Fluorene	ND		0.0343	1	11/05/2025 04:51	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0343	1	11/05/2025 04:51	WG2632614
1-Methylnaphthalene	ND		0.00311	1	11/05/2025 04:51	WG2632614
2-Methylnaphthalene	ND		0.0125	1	11/05/2025 04:51	WG2632614
Naphthalene	0.00590		0.00311	1	11/05/2025 04:51	WG2632614
Pyrene	ND		0.0343	1	11/05/2025 04:51	WG2632614
(S) p-Terphenyl-d14	83.6		23.0-120		11/05/2025 04:51	WG2632614
(S) 2-Fluorobiphenyl	88.4		34.0-125		11/05/2025 04:51	WG2632614
(S) 2-Methylnaphthalene-d10	90.6		50.0-150		11/05/2025 04:51	WG2632614

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.214		1	11/05/2025 23:08	WG2634326

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.6		1	11/04/2025 09:11	WG2632450

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.209	1	11/07/2025 22:17	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.81		1	11/06/2025 12:30	WG2634797

Sample Narrative:

L1913844-02 WG2634797: 6.81 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	110	umhos/cm		10.0	1	11/07/2025 21:45	WG2634807

Sample Narrative:

L1913844-02 WG2634807: 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	11/05/2025 17:43	WG2634318

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.09		0.105	1	11/22/2025 17:55	WG2632975
Barium	42.7		10.5	1	11/22/2025 17:55	WG2632975
Cadmium	ND		0.105	1	11/22/2025 17:55	WG2632975
Copper	ND		10.5	1	11/22/2025 17:55	WG2632975
Lead	ND		10.5	1	11/22/2025 17:55	WG2632975
Nickel	ND		10.5	1	11/22/2025 17:55	WG2632975
Selenium	0.205		0.105	1	11/22/2025 17:55	WG2632975
Silver	ND		0.523	1	11/22/2025 17:55	WG2632975
Zinc	ND		52.3	1	11/22/2025 17:55	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.73	25	11/05/2025 22:05	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	101		77.0-120		11/05/2025 22:05	WG2634380

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00109	1	11/06/2025 02:05	WG2634616
Ethylbenzene	ND		0.0109	1	11/06/2025 02:05	WG2634616
Toluene	ND		0.0109	1	11/06/2025 02:05	WG2634616
1,2,4-Trimethylbenzene	ND		0.00546	1	11/06/2025 02:05	WG2634616
1,3,5-Trimethylbenzene	ND		0.00546	1	11/06/2025 02:05	WG2634616
Xylenes, Total	ND		0.109	1	11/06/2025 02:05	WG2634616
(S) Toluene-d8	103		75.0-131		11/06/2025 02:05	WG2634616
(S) 4-Bromofluorobenzene	93.5		67.0-138		11/06/2025 02:05	WG2634616
(S) 1,2-Dichloroethane-d4	95.3		70.0-130		11/06/2025 02:05	WG2634616

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.18	1	11/05/2025 02:32	WG2632081
C28-C36 Motor Oil Range	5.98		4.18	1	11/05/2025 02:32	WG2632081
(S) o-Terphenyl	83.6		18.0-148		11/05/2025 02:32	WG2632081

6 Qc

7 Gl

8 Al

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Anthracene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Benzo(a)anthracene	ND		0.00627	1	11/05/2025 05:09	WG2632614
Benzo(b)fluoranthene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Benzo(k)fluoranthene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Benzo(a)pyrene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Chrysene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Dibenz(a,h)anthracene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Fluoranthene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Fluorene	ND		0.0345	1	11/05/2025 05:09	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0345	1	11/05/2025 05:09	WG2632614
1-Methylnaphthalene	ND		0.00314	1	11/05/2025 05:09	WG2632614
2-Methylnaphthalene	ND		0.0125	1	11/05/2025 05:09	WG2632614
Naphthalene	0.00839		0.00314	1	11/05/2025 05:09	WG2632614
Pyrene	ND		0.0345	1	11/05/2025 05:09	WG2632614
(S) p-Terphenyl-d14	80.8		23.0-120		11/05/2025 05:09	WG2632614
(S) 2-Fluorobiphenyl	84.2		34.0-125		11/05/2025 05:09	WG2632614
(S) 2-Methylnaphthalene-d10	88.6		50.0-150		11/05/2025 05:09	WG2632614

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.982		1	11/06/2025 00:31	WG2634315

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.4		1	11/04/2025 09:11	WG2632450

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.234	1	11/07/2025 22:28	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.92		1	11/06/2025 12:30	WG2634797

Sample Narrative:

L1913844-03 WG2634797: 6.92 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	118	umhos/cm		10.0	1	11/07/2025 21:45	WG2634807

Sample Narrative:

L1913844-03 WG2634807: 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	11/06/2025 13:12	WG2634310

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.12		0.117	1	11/22/2025 17:59	WG2632975
Barium	31.5		11.7	1	11/22/2025 17:59	WG2632975
Cadmium	ND		0.117	1	11/22/2025 17:59	WG2632975
Copper	ND		11.7	1	11/22/2025 17:59	WG2632975
Lead	ND		11.7	1	11/22/2025 17:59	WG2632975
Nickel	ND		11.7	1	11/22/2025 17:59	WG2632975
Selenium	0.205		0.117	1	11/22/2025 17:59	WG2632975
Silver	ND		0.585	1	11/22/2025 17:59	WG2632975
Zinc	ND		58.5	1	11/22/2025 17:59	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.35	25	11/05/2025 22:28	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		11/05/2025 22:28	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00134	1	11/06/2025 02:24	WG2634616
Ethylbenzene	ND		0.0134	1	11/06/2025 02:24	WG2634616
Toluene	ND		0.0134	1	11/06/2025 02:24	WG2634616
1,2,4-Trimethylbenzene	ND		0.00671	1	11/06/2025 02:24	WG2634616
1,3,5-Trimethylbenzene	ND		0.00671	1	11/06/2025 02:24	WG2634616
Xylenes, Total	ND		0.134	1	11/06/2025 02:24	WG2634616
(S) Toluene-d8	105		75.0-131		11/06/2025 02:24	WG2634616
(S) 4-Bromofluorobenzene	95.5		67.0-138		11/06/2025 02:24	WG2634616
(S) 1,2-Dichloroethane-d4	94.1		70.0-130		11/06/2025 02:24	WG2634616

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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.68	1	11/04/2025 15:10	WG2632590
C28-C36 Motor Oil Range	5.03		4.68	1	11/04/2025 15:10	WG2632590
(S) o-Terphenyl	72.6		18.0-148		11/04/2025 15:10	WG2632590

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Anthracene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Benzo(a)anthracene	ND		0.00702	1	11/05/2025 01:34	WG2632614
Benzo(b)fluoranthene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Benzo(k)fluoranthene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Benzo(a)pyrene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Chrysene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Dibenz(a,h)anthracene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Fluoranthene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Fluorene	ND		0.0386	1	11/05/2025 01:34	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0386	1	11/05/2025 01:34	WG2632614
1-Methylnaphthalene	ND		0.00351	1	11/05/2025 01:34	WG2632614
2-Methylnaphthalene	ND		0.0140	1	11/05/2025 01:34	WG2632614
Naphthalene	0.00537		0.00351	1	11/05/2025 01:34	WG2632614
Pyrene	ND		0.0386	1	11/05/2025 01:34	WG2632614
(S) p-Terphenyl-d14	80.8		23.0-120		11/05/2025 01:34	WG2632614
(S) 2-Fluorobiphenyl	84.6		34.0-125		11/05/2025 01:34	WG2632614
(S) 2-Methylnaphthalene-d10	88.2		50.0-150		11/05/2025 01:34	WG2632614

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.183		1	11/06/2025 00:33	WG2634315

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	84.1		1	11/04/2025 09:11	WG2632450

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.238	1	11/07/2025 22:39	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.69		1	11/06/2025 12:30	WG2634797

Sample Narrative:

L1913844-04 WG2634797: 7.69 at 18.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	115	umhos/cm		10.0	1	11/07/2025 21:45	WG2634807

Sample Narrative:

L1913844-04 WG2634807: at 25C

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

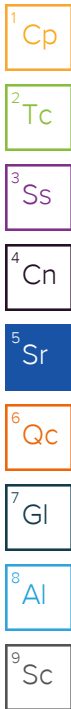
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	11/06/2025 13:15	WG2634310

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.20		0.119	1	11/22/2025 17:36	WG2632975
Barium	39.3		11.9	1	11/22/2025 17:36	WG2632975
Cadmium	ND		0.119	1	11/22/2025 17:36	WG2632975
Copper	ND		11.9	1	11/22/2025 17:36	WG2632975
Lead	ND		11.9	1	11/22/2025 17:36	WG2632975
Nickel	ND		11.9	1	11/22/2025 17:36	WG2632975
Selenium	0.135		0.119	1	11/22/2025 17:36	WG2632975
Silver	ND		0.594	1	11/22/2025 17:36	WG2632975
Zinc	ND		59.4	1	11/22/2025 17:36	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.44	25	11/05/2025 22:51	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		11/05/2025 22:51	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00138	1	11/06/2025 02:43	WG2634616
Ethylbenzene	ND		0.0138	1	11/06/2025 02:43	WG2634616
Toluene	ND		0.0138	1	11/06/2025 02:43	WG2634616
1,2,4-Trimethylbenzene	ND		0.00689	1	11/06/2025 02:43	WG2634616
1,3,5-Trimethylbenzene	ND		0.00689	1	11/06/2025 02:43	WG2634616
Xylenes, Total	ND		0.138	1	11/06/2025 02:43	WG2634616
(S) Toluene-d8	102		75.0-131		11/06/2025 02:43	WG2634616
(S) 4-Bromofluorobenzene	95.0		67.0-138		11/06/2025 02:43	WG2634616
(S) 1,2-Dichloroethane-d4	96.7		70.0-130		11/06/2025 02:43	WG2634616

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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.76	1	11/04/2025 12:21	WG2632590
C28-C36 Motor Oil Range	ND		4.76	1	11/04/2025 12:21	WG2632590
(S) o-Terphenyl	74.1		18.0-148		11/04/2025 12:21	WG2632590

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Anthracene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Benzo(a)anthracene	ND		0.00713	1	11/05/2025 05:27	WG2632614
Benzo(b)fluoranthene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Benzo(k)fluoranthene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Benzo(a)pyrene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Chrysene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Dibenz(a,h)anthracene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Fluoranthene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Fluorene	ND		0.0392	1	11/05/2025 05:27	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0392	1	11/05/2025 05:27	WG2632614
1-Methylnaphthalene	ND		0.00357	1	11/05/2025 05:27	WG2632614
2-Methylnaphthalene	ND		0.0143	1	11/05/2025 05:27	WG2632614
Naphthalene	0.00531		0.00357	1	11/05/2025 05:27	WG2632614
Pyrene	ND		0.0392	1	11/05/2025 05:27	WG2632614
(S) p-Terphenyl-d14	73.4		23.0-120		11/05/2025 05:27	WG2632614
(S) 2-Fluorobiphenyl	78.3		34.0-125		11/05/2025 05:27	WG2632614
(S) 2-Methylnaphthalene-d10	81.1		50.0-150		11/05/2025 05:27	WG2632614

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.951		1	11/06/2025 00:35	WG2634315

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.5		1	11/04/2025 05:26	WG2632920

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.214	1	11/07/2025 22:50	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.25		1	11/06/2025 12:23	WG2634798

Sample Narrative:

L1913844-05 WG2634798: 7.25 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	92.8	umhos/cm		10.0	1	11/07/2025 22:35	WG2634808

Sample Narrative:

L1913844-05 WG2634808: at 25C

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

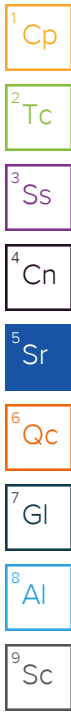
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	11/06/2025 13:18	WG2634310

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.941		0.107	1	11/22/2025 18:09	WG2632975
Barium	30.6		10.7	1	11/22/2025 18:09	WG2632975
Cadmium	ND		0.107	1	11/22/2025 18:09	WG2632975
Copper	ND		10.7	1	11/22/2025 18:09	WG2632975
Lead	ND		10.7	1	11/22/2025 18:09	WG2632975
Nickel	ND		10.7	1	11/22/2025 18:09	WG2632975
Selenium	0.199		0.107	1	11/22/2025 18:09	WG2632975
Silver	ND		0.535	1	11/22/2025 18:09	WG2632975
Zinc	ND		53.5	1	11/22/2025 18:09	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.85	25	11/05/2025 23:14	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		11/05/2025 23:14	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00114	1	11/06/2025 03:02	WG2634616
Ethylbenzene	ND		0.0114	1	11/06/2025 03:02	WG2634616
Toluene	ND		0.0114	1	11/06/2025 03:02	WG2634616
1,2,4-Trimethylbenzene	ND		0.00570	1	11/06/2025 03:02	WG2634616
1,3,5-Trimethylbenzene	ND		0.00570	1	11/06/2025 03:02	WG2634616
Xylenes, Total	ND		0.114	1	11/06/2025 03:02	WG2634616
(S) Toluene-d8	103		75.0-131		11/06/2025 03:02	WG2634616
(S) 4-Bromofluorobenzene	95.0		67.0-138		11/06/2025 03:02	WG2634616
(S) 1,2-Dichloroethane-d4	95.5		70.0-130		11/06/2025 03:02	WG2634616

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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.28	1	11/04/2025 12:35	WG2632590
C28-C36 Motor Oil Range	ND		4.28	1	11/04/2025 12:35	WG2632590
(S) o-Terphenyl	78.4		18.0-148		11/04/2025 12:35	WG2632590

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Anthracene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Benzo(a)anthracene	ND		0.00642	1	11/05/2025 05:45	WG2632614
Benzo(b)fluoranthene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Benzo(k)fluoranthene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Benzo(a)pyrene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Chrysene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Dibenz(a,h)anthracene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Fluoranthene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Fluorene	ND		0.0353	1	11/05/2025 05:45	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0353	1	11/05/2025 05:45	WG2632614
1-Methylnaphthalene	ND		0.00321	1	11/05/2025 05:45	WG2632614
2-Methylnaphthalene	ND		0.0128	1	11/05/2025 05:45	WG2632614
Naphthalene	0.00572		0.00321	1	11/05/2025 05:45	WG2632614
Pyrene	ND		0.0353	1	11/05/2025 05:45	WG2632614
(S) p-Terphenyl-d14	78.6		23.0-120		11/05/2025 05:45	WG2632614
(S) 2-Fluorobiphenyl	82.1		34.0-125		11/05/2025 05:45	WG2632614
(S) 2-Methylnaphthalene-d10	84.6		50.0-150		11/05/2025 05:45	WG2632614

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.256		1	11/06/2025 00:36	WG2634315

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.4		1	11/04/2025 05:26	WG2632920

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.208	1	11/07/2025 23:01	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.30		1	11/06/2025 12:23	WG2634798

Sample Narrative:

L1913844-06 WG2634798: 7.3 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	143	umhos/cm		10.0	1	11/07/2025 22:35	WG2634808

Sample Narrative:

L1913844-06 WG2634808: at 25C

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

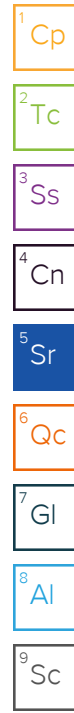
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	11/06/2025 13:26	WG2634310

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.05		0.104	1	11/22/2025 18:12	WG2632975
Barium	35.1		10.4	1	11/22/2025 18:12	WG2632975
Cadmium	ND		0.104	1	11/22/2025 18:12	WG2632975
Copper	ND		10.4	1	11/22/2025 18:12	WG2632975
Lead	ND		10.4	1	11/22/2025 18:12	WG2632975
Nickel	ND		10.4	1	11/22/2025 18:12	WG2632975
Selenium	0.151		0.104	1	11/22/2025 18:12	WG2632975
Silver	ND		0.519	1	11/22/2025 18:12	WG2632975
Zinc	ND		51.9	1	11/22/2025 18:12	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		2.69	25	11/05/2025 23:36	WG2634380
(S) a,a,a-Trifluorotoluene(FID)	101		77.0-120		11/05/2025 23:36	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00108	1	11/06/2025 03:22	WG2634616
Ethylbenzene	ND		0.0108	1	11/06/2025 03:22	WG2634616
Toluene	ND		0.0108	1	11/06/2025 03:22	WG2634616
1,2,4-Trimethylbenzene	ND		0.00538	1	11/06/2025 03:22	WG2634616
1,3,5-Trimethylbenzene	ND		0.00538	1	11/06/2025 03:22	WG2634616
Xylenes, Total	ND		0.108	1	11/06/2025 03:22	WG2634616
(S) Toluene-d8	103		75.0-131		11/06/2025 03:22	WG2634616
(S) 4-Bromofluorobenzene	93.5		67.0-138		11/06/2025 03:22	WG2634616
(S) 1,2-Dichloroethane-d4	94.4		70.0-130		11/06/2025 03:22	WG2634616

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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.15	1	11/04/2025 12:49	WG2632590
C28-C36 Motor Oil Range	ND		4.15	1	11/04/2025 12:49	WG2632590
(S) o-Terphenyl	77.8		18.0-148		11/04/2025 12:49	WG2632590

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Anthracene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Benzo(a)anthracene	ND		0.00623	1	11/05/2025 06:03	WG2632614
Benzo(b)fluoranthene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Benzo(k)fluoranthene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Benzo(a)pyrene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Chrysene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Dibenz(a,h)anthracene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Fluoranthene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Fluorene	ND		0.0342	1	11/05/2025 06:03	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0342	1	11/05/2025 06:03	WG2632614
1-Methylnaphthalene	ND		0.00311	1	11/05/2025 06:03	WG2632614
2-Methylnaphthalene	ND		0.0125	1	11/05/2025 06:03	WG2632614
Naphthalene	0.00454		0.00311	1	11/05/2025 06:03	WG2632614
Pyrene	ND		0.0342	1	11/05/2025 06:03	WG2632614
(S) p-Terphenyl-d14	81.8		23.0-120		11/05/2025 06:03	WG2632614
(S) 2-Fluorobiphenyl	86.0		34.0-125		11/05/2025 06:03	WG2632614
(S) 2-Methylnaphthalene-d10	89.4		50.0-150		11/05/2025 06:03	WG2632614

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.162		1	11/05/2025 23:10	WG2634326

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	88.5		1	11/04/2025 05:26	WG2632920

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.226	1	11/07/2025 23:12	WG2632454

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.49		1	11/06/2025 12:23	WG2634798

Sample Narrative:

L1913844-07 WG2634798: 8.49 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	173	umhos/cm		10.0	1	11/07/2025 22:35	WG2634808

Sample Narrative:

L1913844-07 WG2634808: at 25C

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

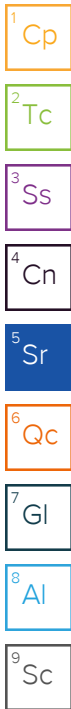
Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	ND		0.100	1	11/05/2025 17:46	WG2634318

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.45		0.113	1	11/22/2025 18:15	WG2632975
Barium	46.4		11.3	1	11/22/2025 18:15	WG2632975
Cadmium	ND		0.113	1	11/22/2025 18:15	WG2632975
Copper	ND		11.3	1	11/22/2025 18:15	WG2632975
Lead	ND		11.3	1	11/22/2025 18:15	WG2632975
Nickel	ND		11.3	1	11/22/2025 18:15	WG2632975
Selenium	0.165		0.113	1	11/22/2025 18:15	WG2632975
Silver	ND		0.565	1	11/22/2025 18:15	WG2632975
Zinc	ND		56.5	1	11/22/2025 18:15	WG2632975

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		3.15	25	11/05/2025 23:59	WG2634380
(S) a, a, a-Trifluorotoluene(FID)	102		77.0-120		11/05/2025 23:59	WG2634380



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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00126	1	11/06/2025 03:41	WG2634616
Ethylbenzene	ND		0.0126	1	11/06/2025 03:41	WG2634616
Toluene	ND		0.0126	1	11/06/2025 03:41	WG2634616
1,2,4-Trimethylbenzene	ND		0.00630	1	11/06/2025 03:41	WG2634616
1,3,5-Trimethylbenzene	ND		0.00630	1	11/06/2025 03:41	WG2634616
Xylenes, Total	ND		0.126	1	11/06/2025 03:41	WG2634616
(S) Toluene-d8	104		75.0-131		11/06/2025 03:41	WG2634616
(S) 4-Bromofluorobenzene	93.7		67.0-138		11/06/2025 03:41	WG2634616
(S) 1,2-Dichloroethane-d4	94.4		70.0-130		11/06/2025 03:41	WG2634616

- 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 (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.52	1	11/04/2025 15:24	WG2632590
C28-C36 Motor Oil Range	ND		4.52	1	11/04/2025 15:24	WG2632590
(S) o-Terphenyl	79.6		18.0-148		11/04/2025 15:24	WG2632590

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

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Anthracene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Benzo(a)anthracene	ND		0.00678	1	11/05/2025 06:21	WG2632614
Benzo(b)fluoranthene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Benzo(k)fluoranthene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Benzo(a)pyrene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Chrysene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Dibenz(a,h)anthracene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Fluoranthene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Fluorene	ND		0.0373	1	11/05/2025 06:21	WG2632614
Indeno(1,2,3-cd)pyrene	ND		0.0373	1	11/05/2025 06:21	WG2632614
1-Methylnaphthalene	ND		0.00339	1	11/05/2025 06:21	WG2632614
2-Methylnaphthalene	ND		0.0136	1	11/05/2025 06:21	WG2632614
Naphthalene	0.00473		0.00339	1	11/05/2025 06:21	WG2632614
Pyrene	ND		0.0373	1	11/05/2025 06:21	WG2632614
(S) p-Terphenyl-d14	75.0		23.0-120		11/05/2025 06:21	WG2632614
(S) 2-Fluorobiphenyl	78.2		34.0-125		11/05/2025 06:21	WG2632614
(S) 2-Methylnaphthalene-d10	82.8		50.0-150		11/05/2025 06:21	WG2632614

Method Blank (MB)

(MB) R4296113-1 11/04/25 09:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00200			

¹Cp

²Tc

³Ss

L1913778-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1913778-07 11/04/25 09:11 • (DUP) R4296113-3 11/04/25 09:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	75.7	76.2	1	0.673		10

⁴Cn

⁵Sr

Laboratory Control Sample (LCS)

(LCS) R4296113-2 11/04/25 09:11

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

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4296077-1 11/04/25 05:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

¹Cp

²Tc

³Ss

L1913849-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1913849-02 11/04/25 05:26 • (DUP) R4296077-3 11/04/25 05:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	78.7	78.0	1	0.927		10

⁴Cn

⁵Sr

Laboratory Control Sample (LCS)

(LCS) R4296077-2 11/04/25 05:26

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

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4298197-1 11/07/25 17:50

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1913842-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1913842-05 11/07/25 21:21 • (DUP) R4298197-7 11/07/25 21:32

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

L1913846-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1913846-01 11/07/25 23:24 • (DUP) R4298197-8 11/07/25 23:35

Analyte	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Hexavalent Chromium	0.330	0.373	1	12.4		20

Laboratory Control Sample (LCS)

(LCS) R4298197-2 11/07/25 18:01

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Hexavalent Chromium	10.0	10.5	105	80.0-120	

L1913842-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913842-02 11/07/25 20:03 • (MS) R4298197-3 11/07/25 20:14 • (MSD) R4298197-4 11/07/25 20:25

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Hexavalent Chromium	21.6	ND	18.8	19.7	86.7	91.0	1	75.0-125			4.76	20

L1913842-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1913842-02 11/07/25 20:03 • (MS) R4298197-5 11/07/25 20:37

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	688	ND	1890	275	50	75.0-125	<u>J5</u>

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1913839-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1913839-10 11/06/25 12:30 • (DUP) R4297323-2 11/06/25 12:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.90	7.89	1	0.127		1

Sample Narrative:

OS: 7.9 at 19.2C

DUP: 7.89 at 19.4C

L1913844-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1913844-04 11/06/25 12:30 • (DUP) R4297323-3 11/06/25 12:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.69	7.68	1	0.130		1

Sample Narrative:

OS: 7.69 at 18.6C

DUP: 7.68 at 18.8C

Laboratory Control Sample (LCS)

(LCS) R4297323-1 11/06/25 12:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 18.1C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1913844-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1913844-05 11/06/25 12:23 • (DUP) R4297288-2 11/06/25 12:23

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.25	7.26	1	0.138		1

Sample Narrative:

OS: 7.25 at 19.7C

DUP: 7.26 at 20C

L1913847-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1913847-16 11/06/25 12:23 • (DUP) R4297288-3 11/06/25 12:23

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.10	8.10	1	0.000		1

Sample Narrative:

OS: 8.1 at 18.5C

DUP: 8.1 at 18.7C

Laboratory Control Sample (LCS)

(LCS) R4297288-1 11/06/25 12:23

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 at 19.6C



Method Blank (MB)

(MB) R4298301-1 11/07/25 21:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Specific Conductance	ND		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1913839-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1913839-11 11/07/25 21:45 • (DUP) R4298301-3 11/07/25 21:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	2360	2370	1	0.169		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1913844-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1913844-03 11/07/25 21:45 • (DUP) R4298301-4 11/07/25 21:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	118	117	1	0.510		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4298301-2 11/07/25 21:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	581	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) R4298299-1 11/07/25 22:35

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

Sample Narrative:

BLANK: at 25C

L1913844-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1913844-06 11/07/25 22:35 • (DUP) R4298299-3 11/07/25 22:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
Specific Conductance	143	142	1	0.700		20

Sample Narrative:

OS: at 25C

DUP: at 25C

L1913847-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1913847-15 11/07/25 22:35 • (DUP) R4298299-4 11/07/25 22:35

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Specific Conductance	umhos/cm	umhos/cm		%		%
Specific Conductance	4600	4580	1	0.436		20

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4298299-2 11/07/25 22:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Specific Conductance	umhos/cm	umhos/cm	%	%	
Specific Conductance	581	559	96.2	90.0-110	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R4297283-1 11/06/25 12:19

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

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

(LCS) R4297283-2 11/06/25 12:22 • (LCSD) R4297283-3 11/06/25 12:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	0.981	0.992	98.1	99.2	80.0-120			1.19	20

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

Method Blank (MB)

(MB) R4297073-1 11/05/25 16:55

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

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

(LCS) R4297073-2 11/05/25 16:58 • (LCSD) R4297073-3 11/05/25 17:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.00	0.990	100	99.0	80.0-120			1.47	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4305042-1 11/22/25 17:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	ND		0.102	0.102
Barium	ND		10.2	10.2
Cadmium	ND		0.102	0.102
Copper	ND		10.2	10.2
Lead	ND		10.2	10.2
Nickel	ND		10.2	10.2
Selenium	ND		0.102	0.102
Silver	ND		0.510	0.510
Zinc	ND		51.0	51.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R4305042-2 11/22/25 17:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	103	103	80.0-120	
Barium	100	99.6	99.6	80.0-120	
Cadmium	100	112	112	80.0-120	
Copper	100	109	109	80.0-120	
Lead	100	104	104	80.0-120	
Nickel	100	112	112	80.0-120	
Selenium	100	104	104	80.0-120	
Silver	20.0	21.2	106	80.0-120	
Zinc	100	105	105	80.0-120	

⁷Gl

⁸Al

⁹Sc

L1913844-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913844-04 11/22/25 17:36 • (MS) R4305042-5 11/22/25 17:46 • (MSD) R4305042-6 11/22/25 17:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	119	1.20	106	106	88.4	88.2	1	75.0-125			0.182	20
Barium	119	39.3	154	142	96.6	86.2	1	75.0-125			8.32	20
Cadmium	119	ND	112	113	94.5	95.0	1	75.0-125			0.561	20
Copper	119	ND	113	112	92.2	91.5	1	75.0-125			0.744	20
Lead	119	ND	105	107	84.8	86.6	1	75.0-125			2.02	20
Nickel	119	ND	116	116	95.3	95.0	1	75.0-125			0.278	20
Selenium	119	0.135	107	109	89.6	91.5	1	75.0-125			2.13	20
Silver	23.8	ND	21.8	21.5	91.6	90.3	1	75.0-125			1.48	20

L1913844-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913844-04 11/22/25 17:36 • (MS) R4305042-5 11/22/25 17:46 • (MSD) R4305042-6 11/22/25 17:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Zinc	119	ND	121	121	89.4	89.4	1	75.0-125			0.0193	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4297544-3 11/05/25 17:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	ND		2.00	2.50
^(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120

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

(LCS) R4297544-1 11/05/25 16:23 • (LCSD) R4297544-2 11/05/25 16:46

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	4.15	4.40	83.0	88.0	72.0-127			5.85	20
^(S) a,a,a-Trifluorotoluene(FID)				104	104	77.0-120				

L1913871-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913871-07 11/06/25 02:17 • (MS) R4297544-4 11/06/25 04:12 • (MSD) R4297544-5 11/06/25 04:35

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	176	40.1	169	176	73.3	77.4	25	10.0-151			4.12	28
^(S) a,a,a-Trifluorotoluene(FID)					104	105		77.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4297098-3 11/05/25 11:02

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND		0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND		0.100	0.100
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	96.3			67.0-138
(S) 1,2-Dichloroethane-d4	95.8			70.0-130

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

(LCS) R4297098-1 11/05/25 09:23 • (LCSD) R4297098-2 11/05/25 09:43

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	0.250	0.213	0.212	85.2	84.8	70.0-123			0.471	20
Ethylbenzene	0.250	0.211	0.213	84.4	85.2	74.0-126			0.943	20
Toluene	0.250	0.218	0.220	87.2	88.0	75.0-121			0.913	20
1,2,4-Trimethylbenzene	0.250	0.211	0.211	84.4	84.4	70.0-126			0.000	20
1,3,5-Trimethylbenzene	0.250	0.214	0.207	85.6	82.8	73.0-127			3.33	20
Xylenes, Total	0.750	0.592	0.613	78.9	81.7	72.0-127			3.49	20
(S) Toluene-d8				98.1	99.4	75.0-131				
(S) 4-Bromofluorobenzene				94.8	94.9	67.0-138				
(S) 1,2-Dichloroethane-d4				98.2	99.9	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4297907-2 11/05/25 21:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	ND		0.00100	0.00100
Ethylbenzene	ND		0.0100	0.0100
Toluene	ND		0.0100	0.0100
1,2,4-Trimethylbenzene	ND		0.00500	0.00500
1,3,5-Trimethylbenzene	ND		0.00500	0.00500
Xylenes, Total	ND		0.100	0.100
(S) Toluene-d8	105			75.0-131
(S) 4-Bromofluorobenzene	94.4			67.0-138
(S) 1,2-Dichloroethane-d4	95.3			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4297907-1 11/05/25 20:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.250	0.209	83.6	70.0-123	
Ethylbenzene	0.250	0.206	82.4	74.0-126	
Toluene	0.250	0.211	84.4	75.0-121	
1,2,4-Trimethylbenzene	0.250	0.208	83.2	70.0-126	
1,3,5-Trimethylbenzene	0.250	0.211	84.4	73.0-127	
Xylenes, Total	0.750	0.632	84.3	72.0-127	
(S) Toluene-d8			99.4	75.0-131	
(S) 4-Bromofluorobenzene			93.7	67.0-138	
(S) 1,2-Dichloroethane-d4			99.6	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4296789-1 11/04/25 22:16

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND	U	1.61	4.00
C28-C36 Motor Oil Range	ND	U	0.274	4.00
(S) o-Terphenyl	83.3			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4296789-2 11/04/25 22:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	26.2	52.4	50.0-150	
(S) o-Terphenyl			76.0	18.0-148	

L1913737-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913737-21 11/04/25 23:50 • (MS) R4296789-3 11/05/25 00:04 • (MSD) R4296789-4 11/05/25 00:17

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	48.2	34.6	70.2	70.1	73.9	73.7	2	50.0-150			0.143	20
(S) o-Terphenyl					95.3	99.1		18.0-148				

Sample Narrative:

OS: Dilution due to matrix impact during extraction procedure

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4296305-1 11/04/25 11:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	ND		1.61	4.00
C28-C36 Motor Oil Range	ND		0.274	4.00
(S) o-Terphenyl	72.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4296305-2 11/04/25 12:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	40.4	80.8	50.0-150	
(S) o-Terphenyl			91.4	18.0-148	

L1913871-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913871-01 11/04/25 16:49 • (MS) R4296305-3 11/04/25 17:03 • (MSD) R4296305-4 11/04/25 17:17

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	50.3	7300	7870	7510	1130	429	50	50.0-150	V	V	4.61	20
(S) o-Terphenyl					0.000	0.000		18.0-148	J7	J7		

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4297255-2 11/05/25 01:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	ND		0.0330	0.0330
Anthracene	ND		0.0330	0.0330
Benzo(a)anthracene	ND		0.00600	0.00600
Benzo(b)fluoranthene	ND		0.0330	0.0330
Benzo(k)fluoranthene	ND		0.0330	0.0330
Benzo(a)pyrene	ND		0.0330	0.0330
Chrysene	ND		0.0330	0.0330
Dibenz(a,h)anthracene	ND		0.0330	0.0330
Fluoranthene	ND		0.0330	0.0330
Fluorene	ND		0.0330	0.0330
Indeno(1,2,3-cd)pyrene	ND		0.0330	0.0330
1-Methylnaphthalene	ND		0.00300	0.00300
2-Methylnaphthalene	ND		0.0120	0.0120
Naphthalene	ND		0.00300	0.00300
Pyrene	ND		0.0330	0.0330
(S) p-Terphenyl-d14	86.7			23.0-120
(S) 2-Fluorobiphenyl	91.7			34.0-125
(S) 2-Methylnaphthalene-d10	94.0			50.0-150

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R4297255-1 11/05/25 00:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.0800	0.0718	89.8	50.0-120	
Anthracene	0.0800	0.0703	87.9	50.0-126	
Benzo(a)anthracene	0.0800	0.0714	89.3	45.0-120	
Benzo(b)fluoranthene	0.0800	0.0675	84.4	42.0-121	
Benzo(k)fluoranthene	0.0800	0.0664	83.0	49.0-125	
Benzo(a)pyrene	0.0800	0.0532	66.5	42.0-120	
Chrysene	0.0800	0.0697	87.1	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0667	83.4	47.0-125	
Fluoranthene	0.0800	0.0737	92.1	49.0-129	
Fluorene	0.0800	0.0730	91.3	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0543	67.9	46.0-125	
1-Methylnaphthalene	0.0800	0.0764	95.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0732	91.5	50.0-120	
Naphthalene	0.0800	0.0716	89.5	50.0-120	
Pyrene	0.0800	0.0687	85.9	43.0-123	

Laboratory Control Sample (LCS)

(LCS) R4297255-1 11/05/25 00:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			83.5	23.0-120	
(S) 2-Fluorobiphenyl			88.4	34.0-125	
(S) 2-Methylnaphthalene-d10			90.0	50.0-150	

L1913844-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913844-03 11/05/25 01:34 • (MS) R4297255-3 11/05/25 01:52 • (MSD) R4297255-4 11/05/25 02:10

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0909	ND	0.0748	0.0707	82.3	77.4	1	14.0-127			5.63	27
Anthracene	0.0909	ND	0.0739	0.0704	81.3	77.1	1	10.0-145			4.87	30
Benzo(a)anthracene	0.0909	ND	0.0724	0.0692	79.6	75.8	1	10.0-139			4.47	30
Benzo(b)fluoranthene	0.0909	ND	0.0674	0.0644	74.2	70.5	1	10.0-140			4.62	36
Benzo(k)fluoranthene	0.0909	ND	0.0677	0.0645	74.5	70.6	1	10.0-137			4.78	31
Benzo(a)pyrene	0.0909	ND	0.0673	0.0646	74.1	70.8	1	10.0-141			4.08	31
Chrysene	0.0909	ND	0.0712	0.0680	78.4	74.5	1	10.0-145			4.54	30
Dibenz(a,h)anthracene	0.0909	ND	0.0678	0.0640	74.6	70.1	1	10.0-132			5.68	31
Fluoranthene	0.0909	ND	0.0753	0.0713	82.9	78.1	1	10.0-153			5.43	33
Fluorene	0.0909	ND	0.0768	0.0719	84.5	78.7	1	11.0-130			6.61	29
Indeno(1,2,3-cd)pyrene	0.0909	ND	0.0556	0.0528	61.2	57.8	1	10.0-137			5.18	32
1-Methylnaphthalene	0.0909	ND	0.0798	0.0756	87.9	82.8	1	10.0-142			5.42	28
2-Methylnaphthalene	0.0909	ND	0.0763	0.0725	84.0	79.4	1	10.0-137			5.19	28
Naphthalene	0.0909	0.00537	0.0802	0.0753	82.4	76.6	1	10.0-135			6.33	27
Pyrene	0.0909	ND	0.0704	0.0673	77.4	73.7	1	10.0-148			4.42	35
(S) p-Terphenyl-d14					75.6	73.2		23.0-120				
(S) 2-Fluorobiphenyl					82.9	78.0		34.0-125				
(S) 2-Methylnaphthalene-d10					84.5	80.3		50.0-150				

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

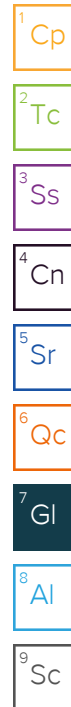
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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Abbreviations and Definitions

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

Qualifier	Description
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
U	Below Detectable Limits: Indicates that the analyte was not detected.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Company Name/Address: **Civitas- CO**
 6855 W. 118th Ave
 Broomfield, CO 80020

Billing Information:
 Accounts Payable
 650 South gate Dr
 Windsor, CO 80550

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
 PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
 Phone: 615-758-5858 Alt: 800-767-5859

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: **Civitas 610-408-9078**

Email To: **CHRIS.roy@startec.com**
Sam.Boyle@startec.com
robert.hammer@startec.com

Project Description: **Federal 32-10**

City/State Collected: **Colorado**

Please Circle: PT MT CT EF

Client Project # **REM # 541913**

Lab Project # **CivitasBCO-Startec**

Site/Facility ID # **203124474 bsk100.020**

P.O. # **AFE 23499**

Quote # **Major Mind 8520.154**

Date Results Needed

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day **X STD TAT**

Immediately Packed on Ice N Y X

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs
WH1-B104	G	SS	4	10-29-25	1640	3
FL1-B103	↓	↓	3	↓	1705	3
FL1-B303	↓	↓	↓	↓	1720	3
FL1-B503	↓	↓	↓	↓	1735	3
FL1-B703	↓	↓	↓	↓	1750	3
FL1-B903	↓	↓	↓	↓	1805	3
FL1-B1103	↓	↓	↓	10-30-25	0710	3

Full Table 915-1

BG Table 915-1

SDG # **L1913844**

I134

Acctnum: **Civitas BCO**

Template: **T269922**

Prelogin: **P1137690**

PM: **824 Chris Ward**

PB:

Shipped Via: **Fedex Ground**

Remarks Sample # (lab only)

-01
02
03
04
05
06
07

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

Remarks:

Samples returned via:
 UPS FedEx Courier

Tracking #

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: 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) **Sam O'Boyle** Date: **10-30-25** Time: **2000**

Received by: (Signature) **Sale Carano** Trip Blank Received: Yes No **EOA9**

Relinquished by: (Signature) **Sale Carano** Date: **10/31/25** Time: **1800**

Received by: (Signature) **SWA Carano** Temp: **2.2** °C Bottles Received: **2.2 + 0 = 2.2 21/18**

Relinquished by: (Signature) Date: **11-1-25** Time: **1500**

Received for lab by: (Signature) **19** Date: **11-1-25** Time: **1500**

If preservation required by Login: Date/Time

Hold: Condition: **NCF / OK**