ANALYTICAL REPORT

November 12, 2025

Revised Report

Pace Analytical Services, LLC
2025.11.12 14:07:51 -06'00'
Document is certified

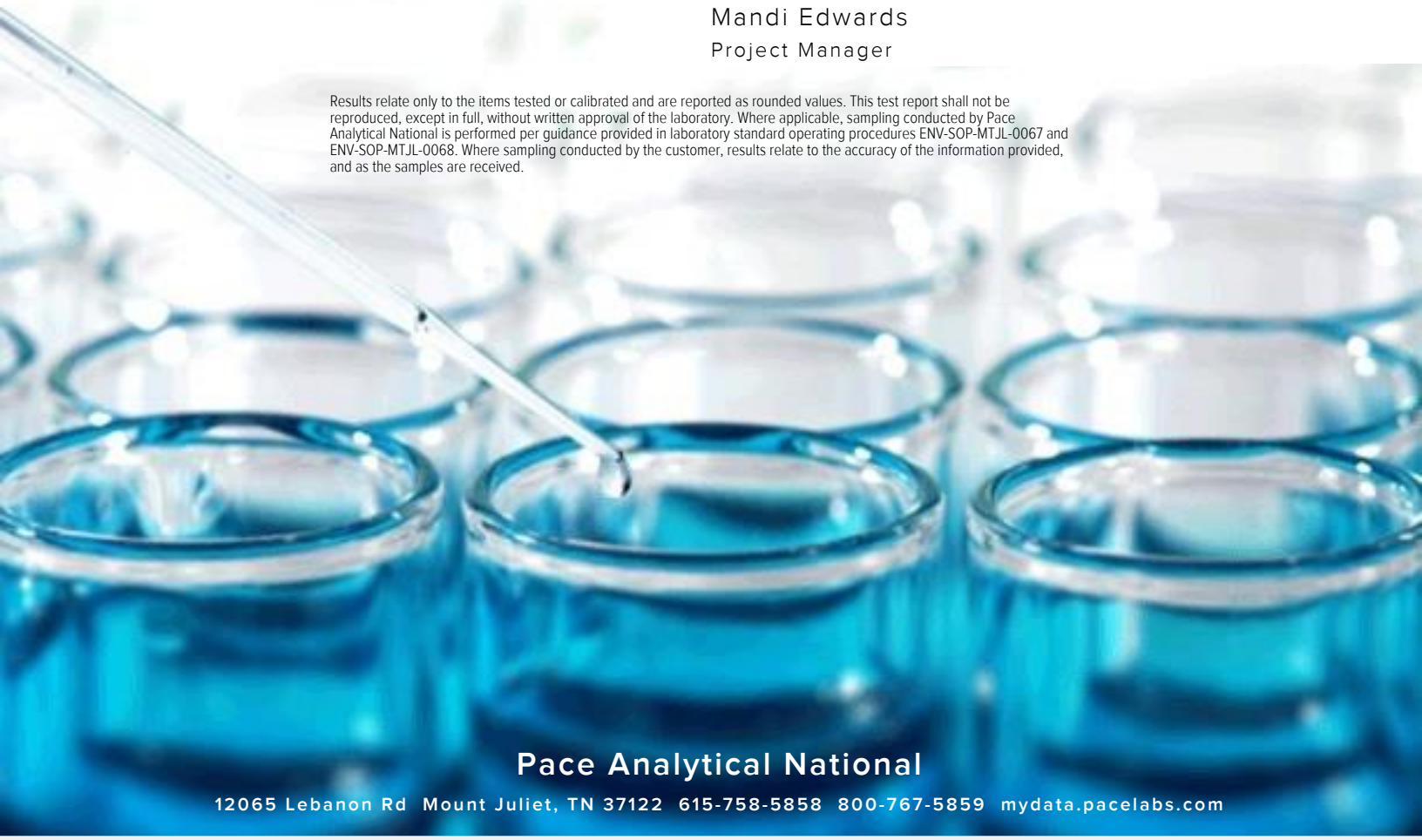
Civitas - CO

Sample Delivery Group:	L1905727
Samples Received:	10/08/2025
Project Number:	CO04027
Description:	State Seventy Holes P-4
Report To:	Civitas-Tasman
	4725 Independence
	Suite 100
	Wheat Ridge, CO 80033

Entire Report Reviewed By:

Mandi Edwards
Project Manager

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

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BG06@3' L1905727-01

Collected by: RS/SC | Collected date/time: 10/06/25 14:00 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:40	10/10/25 01:40	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 05:34	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:16	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:23	JDB	Mt. Juliet, TN

BG06@5' L1905727-02

Collected by: RS/SC | Collected date/time: 10/06/25 14:05 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:42	10/10/25 01:42	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 05:46	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:19	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:26	JDB	Mt. Juliet, TN

BG06@8' L1905727-03

Collected by: RS/SC | Collected date/time: 10/06/25 14:10 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:45	10/10/25 01:45	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 05:57	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:22	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.02	10/09/25 16:18	10/22/25 00:29	JDB	Mt. Juliet, TN

BG06@9' L1905727-04

Collected by: RS/SC | Collected date/time: 10/06/25 14:15 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:47	10/10/25 01:47	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 07:17	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:24	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.06	10/09/25 16:18	10/22/25 00:39	JDB	Mt. Juliet, TN

BG07@3' L1905727-05

Collected by: RS/SC | Collected date/time: 10/06/25 14:20 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:50	10/10/25 01:50	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 07:29	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN

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

BG07@3' L1905727-05

Collected by: RS/SC | Collected date/time: 10/06/25 14:20 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:27	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:42	JDB	Mt. Juliet, TN

BG07@5' L1905727-06

Collected by: RS/SC | Collected date/time: 10/06/25 14:25 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:52	10/10/25 01:52	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 07:40	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:30	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:45	JDB	Mt. Juliet, TN

BG07@8' L1905727-07

Collected by: RS/SC | Collected date/time: 10/06/25 14:03 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:55	10/10/25 01:55	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 07:52	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:33	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.04	10/09/25 16:18	10/22/25 00:48	JDB	Mt. Juliet, TN

BG07@9' L1905727-08

Collected by: RS/SC | Collected date/time: 10/06/25 14:35 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:57	10/10/25 01:57	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2616457	1	10/09/25 10:58	10/13/25 08:03	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:42	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.02	10/09/25 16:18	10/22/25 00:56	JDB	Mt. Juliet, TN

BG08@3' L1905727-09

Collected by: RS/SC | Collected date/time: 10/06/25 14:40 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:59	10/10/25 01:59	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 07:55	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:44	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:59	JDB	Mt. Juliet, TN

BG08@5' L1905727-10

Collected by: RS/SC | Collected date/time: 10/06/25 14:45 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:07	10/10/25 02:07	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616800	1	10/09/25 09:55	10/09/25 10:03	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:13	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:47	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 01:02	JDB	Mt. Juliet, TN

BG08@8' L1905727-11

Collected by: RS/SC | Collected date/time: 10/06/25 14:50 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:09	10/10/25 02:09	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:22	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:50	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 01:05	JDB	Mt. Juliet, TN

BG08@9' L1905727-12

Collected by: RS/SC | Collected date/time: 10/06/25 14:55 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:12	10/10/25 02:12	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:31	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:53	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 01:08	JDB	Mt. Juliet, TN

BG09@3' L1905727-13

Collected by: RS/SC | Collected date/time: 10/06/25 15:00 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:14	10/10/25 02:14	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:40	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:56	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.06	10/09/25 16:18	10/22/25 01:12	JDB	Mt. Juliet, TN

BG09@5' L1905727-14

Collected by: RS/SC | Collected date/time: 10/06/25 15:05 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:16	10/10/25 02:16	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:49	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN

BG09@5' L1905727-14

Collected by: RS/SC | Collected date/time: 10/06/25 15:05 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 14:59	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 01:21	JDB	Mt. Juliet, TN

BG09@8' L1905727-15

Collected by: RS/SC | Collected date/time: 10/06/25 15:10 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:19	10/10/25 02:19	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 08:57	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:02	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.04	10/09/25 16:18	10/22/25 01:24	JDB	Mt. Juliet, TN

BG09@9' L1905727-16

Collected by: RS/SC | Collected date/time: 10/06/25 15:15 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:21	10/10/25 02:21	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 09:24	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:04	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.06	10/09/25 16:18	10/22/25 01:27	JDB	Mt. Juliet, TN

BG10@3' L1905727-17

Collected by: RS/SC | Collected date/time: 10/06/25 15:20 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:24	10/10/25 02:24	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 09:33	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:07	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.02	10/09/25 16:18	10/22/25 01:31	JDB	Mt. Juliet, TN

BG10@5' L1905727-18

Collected by: RS/SC | Collected date/time: 10/06/25 15:25 | Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:26	10/10/25 02:26	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 09:42	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:16	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 00:07	JDB	Mt. Juliet, TN

BG10@8' L1905727-19

Collected by: RS/SC
Collected date/time: 10/06/25 15:30
Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 02:29	10/10/25 02:29	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 09:51	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:19	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1.09	10/09/25 16:18	10/22/25 01:34	JDB	Mt. Juliet, TN

BG10@9' L1905727-20

Collected by: RS/SC
Collected date/time: 10/06/25 15:35
Received date/time: 10/08/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2617035	1	10/10/25 01:23	10/10/25 01:23	JTM	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2616801	1	10/09/25 09:34	10/09/25 09:43	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2617480	1	10/10/25 16:08	10/13/25 10:09	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2617653	1	10/10/25 05:31	10/10/25 09:21	RJP	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2617658	1	10/10/25 05:37	10/10/25 20:02	AVB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2617037	1	10/09/25 10:11	10/09/25 15:22	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2617181	1	10/09/25 16:18	10/22/25 01:37	JDB	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All 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: 10/22/25 19:32

Project Comments

Reprint - client did not receive the original report. MLE 11/12/2025

Wet Chemistry by Method 7199

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

Batch	Lab Sample ID	Analytes
WG2616457	(MS) R4286068-9, L1905727-03	Hexavalent Chromium
WG2617480	(MS) R4286611-9, (MSD) R4286611-7	Hexavalent Chromium

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

Batch	Lab Sample ID	Analytes
WG2617480	(MSD) R4286611-7	Hexavalent Chromium

The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Batch	Lab Sample ID	Analytes
WG2616457	L1905727-03	Hexavalent Chromium

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2617181	(MS) R4290442-5, (MSD) R4290442-6, L1905727-18	Barium

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

Batch	Lab Sample ID	Analytes
WG2617181	(MSD) R4290442-6, L1905727-18	Zinc

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2617181	(MSD) R4290442-6, L1905727-18	Barium

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.112		1	10/10/2025 01:40	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.9		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.204	1	10/13/2025 05:34	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.96		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-01 WG2617653: 6.96 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	92.7	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-01 WG2617658: 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	10/09/2025 14:16	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.65		0.102	1	10/22/2025 00:23	WG2617181
Barium	39.9		10.2	1	10/22/2025 00:23	WG2617181
Cadmium	ND		0.102	1	10/22/2025 00:23	WG2617181
Copper	ND		10.2	1	10/22/2025 00:23	WG2617181
Lead	ND		10.2	1	10/22/2025 00:23	WG2617181
Nickel	ND		10.2	1	10/22/2025 00:23	WG2617181
Selenium	0.374		0.102	1	10/22/2025 00:23	WG2617181
Silver	ND		0.511	1	10/22/2025 00:23	WG2617181
Zinc	ND		51.1	1	10/22/2025 00:23	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.115		1	10/10/2025 01:42	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.3		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.217	1	10/13/2025 05:46	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.12		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-02 WG2617653: 7.12 at 19.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	49.9	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-02 WG2617658: 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	10/09/2025 14:19	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.98		0.108	1	10/22/2025 00:26	WG2617181
Barium	29.7		10.8	1	10/22/2025 00:26	WG2617181
Cadmium	ND		0.108	1	10/22/2025 00:26	WG2617181
Copper	ND		10.8	1	10/22/2025 00:26	WG2617181
Lead	ND		10.8	1	10/22/2025 00:26	WG2617181
Nickel	ND		10.8	1	10/22/2025 00:26	WG2617181
Selenium	0.443		0.108	1	10/22/2025 00:26	WG2617181
Silver	ND		0.542	1	10/22/2025 00:26	WG2617181
Zinc	ND		54.2	1	10/22/2025 00:26	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.123		1	10/10/2025 01:45	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.9		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND	J6 O1	0.204	1	10/13/2025 05:57	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.26		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-03 WG2617653: 7.26 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	51.4	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-03 WG2617658: 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	10/09/2025 14:22	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.79		0.104	1.02	10/22/2025 00:29	WG2617181
Barium	32.3		10.4	1.02	10/22/2025 00:29	WG2617181
Cadmium	ND		0.104	1.02	10/22/2025 00:29	WG2617181
Copper	ND		10.4	1.02	10/22/2025 00:29	WG2617181
Lead	ND		10.4	1.02	10/22/2025 00:29	WG2617181
Nickel	ND		10.4	1.02	10/22/2025 00:29	WG2617181
Selenium	0.508		0.104	1.02	10/22/2025 00:29	WG2617181
Silver	ND		0.521	1.02	10/22/2025 00:29	WG2617181
Zinc	ND		52.1	1.02	10/22/2025 00:29	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.111		1	10/10/2025 01:47	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.3		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.206	1	10/13/2025 07:17	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.35		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-04 WG2617653: 7.35 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	40.6	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-04 WG2617658: 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	10/09/2025 14:24	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.00		0.109	1.06	10/22/2025 00:39	WG2617181
Barium	36.3		10.9	1.06	10/22/2025 00:39	WG2617181
Cadmium	ND		0.109	1.06	10/22/2025 00:39	WG2617181
Copper	ND		10.9	1.06	10/22/2025 00:39	WG2617181
Lead	ND		10.9	1.06	10/22/2025 00:39	WG2617181
Nickel	ND		10.9	1.06	10/22/2025 00:39	WG2617181
Selenium	0.461		0.109	1.06	10/22/2025 00:39	WG2617181
Silver	ND		0.545	1.06	10/22/2025 00:39	WG2617181
Zinc	ND		54.5	1.06	10/22/2025 00:39	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0900		1	10/10/2025 01:50	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.1		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.206	1	10/13/2025 07:29	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.99		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-05 WG2617653: 6.99 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	61.3	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-05 WG2617658: 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	10/09/2025 14:27	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.75		0.103	1	10/22/2025 00:42	WG2617181
Barium	28.7		10.3	1	10/22/2025 00:42	WG2617181
Cadmium	ND		0.103	1	10/22/2025 00:42	WG2617181
Copper	ND		10.3	1	10/22/2025 00:42	WG2617181
Lead	ND		10.3	1	10/22/2025 00:42	WG2617181
Nickel	ND		10.3	1	10/22/2025 00:42	WG2617181
Selenium	0.422		0.103	1	10/22/2025 00:42	WG2617181
Silver	ND		0.515	1	10/22/2025 00:42	WG2617181
Zinc	ND		51.5	1	10/22/2025 00:42	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0782		1	10/10/2025 01:52	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.2		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.204	1	10/13/2025 07:40	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.15		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-06 WG2617653: 7.15 at 19.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	74.3	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-06 WG2617658: 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	10/09/2025 14:30	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.86		0.102	1	10/22/2025 00:45	WG2617181
Barium	39.9		10.2	1	10/22/2025 00:45	WG2617181
Cadmium	ND		0.102	1	10/22/2025 00:45	WG2617181
Copper	ND		10.2	1	10/22/2025 00:45	WG2617181
Lead	ND		10.2	1	10/22/2025 00:45	WG2617181
Nickel	ND		10.2	1	10/22/2025 00:45	WG2617181
Selenium	0.454		0.102	1	10/22/2025 00:45	WG2617181
Silver	ND		0.509	1	10/22/2025 00:45	WG2617181
Zinc	ND		50.9	1	10/22/2025 00:45	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.137		1	10/10/2025 01:55	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.7		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.207	1	10/13/2025 07:52	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.31		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-07 WG2617653: 7.31 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	57.9	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-07 WG2617658: 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	10/09/2025 14:33	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.33		0.108	1.04	10/22/2025 00:48	WG2617181
Barium	43.7		10.8	1.04	10/22/2025 00:48	WG2617181
Cadmium	ND		0.108	1.04	10/22/2025 00:48	WG2617181
Copper	ND		10.8	1.04	10/22/2025 00:48	WG2617181
Lead	ND		10.8	1.04	10/22/2025 00:48	WG2617181
Nickel	ND		10.8	1.04	10/22/2025 00:48	WG2617181
Selenium	0.404		0.108	1.04	10/22/2025 00:48	WG2617181
Silver	ND		0.538	1.04	10/22/2025 00:48	WG2617181
Zinc	ND		53.8	1.04	10/22/2025 00:48	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.115		1	10/10/2025 01:57	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.8		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.207	1	10/13/2025 08:03	WG2616457

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.31		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-08 WG2617653: 7.31 at 19.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	44.5	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-08 WG2617658: 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	10/09/2025 14:42	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.78		0.105	1.02	10/22/2025 00:56	WG2617181
Barium	42.8		10.5	1.02	10/22/2025 00:56	WG2617181
Cadmium	ND		0.105	1.02	10/22/2025 00:56	WG2617181
Copper	ND		10.5	1.02	10/22/2025 00:56	WG2617181
Lead	ND		10.5	1.02	10/22/2025 00:56	WG2617181
Nickel	ND		10.5	1.02	10/22/2025 00:56	WG2617181
Selenium	0.365		0.105	1.02	10/22/2025 00:56	WG2617181
Silver	ND		0.527	1.02	10/22/2025 00:56	WG2617181
Zinc	ND		52.7	1.02	10/22/2025 00:56	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0744		1	10/10/2025 01:59	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.6		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.203	1	10/13/2025 07:55	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.10		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-09 WG2617653: 7.1 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	52.1	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-09 WG2617658: 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	10/09/2025 14:44	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.08		0.101	1	10/22/2025 00:59	WG2617181
Barium	23.6		10.1	1	10/22/2025 00:59	WG2617181
Cadmium	ND		0.101	1	10/22/2025 00:59	WG2617181
Copper	ND		10.1	1	10/22/2025 00:59	WG2617181
Lead	ND		10.1	1	10/22/2025 00:59	WG2617181
Nickel	ND		10.1	1	10/22/2025 00:59	WG2617181
Selenium	0.442		0.101	1	10/22/2025 00:59	WG2617181
Silver	ND		0.507	1	10/22/2025 00:59	WG2617181
Zinc	ND		50.7	1	10/22/2025 00:59	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0690		1	10/10/2025 02:07	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.5		1	10/09/2025 10:03	WG2616800

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.203	1	10/13/2025 08:13	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.10		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-10 WG2617653: 7.1 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	60.9	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-10 WG2617658: 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	10/09/2025 14:47	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.77		0.102	1	10/22/2025 01:02	WG2617181
Barium	28.7		10.2	1	10/22/2025 01:02	WG2617181
Cadmium	ND		0.102	1	10/22/2025 01:02	WG2617181
Copper	ND		10.2	1	10/22/2025 01:02	WG2617181
Lead	ND		10.2	1	10/22/2025 01:02	WG2617181
Nickel	ND		10.2	1	10/22/2025 01:02	WG2617181
Selenium	0.424		0.102	1	10/22/2025 01:02	WG2617181
Silver	ND		0.508	1	10/22/2025 01:02	WG2617181
Zinc	ND		50.8	1	10/22/2025 01:02	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0856		1	10/10/2025 02:09	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.7		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.205	1	10/13/2025 08:22	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.18		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-11 WG2617653: 7.18 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	54.9	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-11 WG2617658: 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	10/09/2025 14:50	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.21		0.102	1	10/22/2025 01:05	WG2617181
Barium	30.8		10.2	1	10/22/2025 01:05	WG2617181
Cadmium	ND		0.102	1	10/22/2025 01:05	WG2617181
Copper	ND		10.2	1	10/22/2025 01:05	WG2617181
Lead	ND		10.2	1	10/22/2025 01:05	WG2617181
Nickel	ND		10.2	1	10/22/2025 01:05	WG2617181
Selenium	0.371		0.102	1	10/22/2025 01:05	WG2617181
Silver	ND		0.512	1	10/22/2025 01:05	WG2617181
Zinc	ND		51.2	1	10/22/2025 01:05	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0891		1	10/10/2025 02:12	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.0		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.206	1	10/13/2025 08:31	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.34		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-12 WG2617653: 7.34 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	53.1	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-12 WG2617658: 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	10/09/2025 14:53	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.75		0.103	1	10/22/2025 01:08	WG2617181
Barium	36.7		10.3	1	10/22/2025 01:08	WG2617181
Cadmium	ND		0.103	1	10/22/2025 01:08	WG2617181
Copper	ND		10.3	1	10/22/2025 01:08	WG2617181
Lead	ND		10.3	1	10/22/2025 01:08	WG2617181
Nickel	ND		10.3	1	10/22/2025 01:08	WG2617181
Selenium	0.384		0.103	1	10/22/2025 01:08	WG2617181
Silver	ND		0.516	1	10/22/2025 01:08	WG2617181
Zinc	ND		51.6	1	10/22/2025 01:08	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0689		1	10/10/2025 02:14	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.3		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.203	1	10/13/2025 08:40	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	6.90		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-13 WG2617653: 6.9 at 18.8C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	52.6	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-13 WG2617658: 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	10/09/2025 14:56	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.25		0.108	1.06	10/22/2025 01:12	WG2617181
Barium	44.7		10.8	1.06	10/22/2025 01:12	WG2617181
Cadmium	ND		0.108	1.06	10/22/2025 01:12	WG2617181
Copper	ND		10.8	1.06	10/22/2025 01:12	WG2617181
Lead	ND		10.8	1.06	10/22/2025 01:12	WG2617181
Nickel	ND		10.8	1.06	10/22/2025 01:12	WG2617181
Selenium	0.510		0.108	1.06	10/22/2025 01:12	WG2617181
Silver	ND		0.539	1.06	10/22/2025 01:12	WG2617181
Zinc	ND		53.9	1.06	10/22/2025 01:12	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0643		1	10/10/2025 02:16	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.3		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.203	1	10/13/2025 08:49	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.04		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-14 WG2617653: 7.04 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	53.3	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-14 WG2617658: 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	10/09/2025 14:59	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.91		0.102	1	10/22/2025 01:21	WG2617181
Barium	30.4		10.2	1	10/22/2025 01:21	WG2617181
Cadmium	ND		0.102	1	10/22/2025 01:21	WG2617181
Copper	ND		10.2	1	10/22/2025 01:21	WG2617181
Lead	ND		10.2	1	10/22/2025 01:21	WG2617181
Nickel	ND		10.2	1	10/22/2025 01:21	WG2617181
Selenium	0.345		0.102	1	10/22/2025 01:21	WG2617181
Silver	ND		0.508	1	10/22/2025 01:21	WG2617181
Zinc	ND		50.8	1	10/22/2025 01:21	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0944		1	10/10/2025 02:19	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.206	1	10/13/2025 08:57	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.30		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-15 WG2617653: 7.3 at 18.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	46.6	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-15 WG2617658: 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	10/09/2025 15:02	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.05		0.107	1.04	10/22/2025 01:24	WG2617181
Barium	38.5		10.7	1.04	10/22/2025 01:24	WG2617181
Cadmium	ND		0.107	1.04	10/22/2025 01:24	WG2617181
Copper	ND		10.7	1.04	10/22/2025 01:24	WG2617181
Lead	ND		10.7	1.04	10/22/2025 01:24	WG2617181
Nickel	ND		10.7	1.04	10/22/2025 01:24	WG2617181
Selenium	0.349		0.107	1.04	10/22/2025 01:24	WG2617181
Silver	ND		0.537	1.04	10/22/2025 01:24	WG2617181
Zinc	ND		53.7	1.04	10/22/2025 01:24	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0869		1	10/10/2025 02:21	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.8		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.218	1	10/13/2025 09:24	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.49		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-16 WG2617653: 7.49 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	40.3	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-16 WG2617658: 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	10/09/2025 15:04	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.14		0.115	1.06	10/22/2025 01:27	WG2617181
Barium	25.6		11.5	1.06	10/22/2025 01:27	WG2617181
Cadmium	ND		0.115	1.06	10/22/2025 01:27	WG2617181
Copper	ND		11.5	1.06	10/22/2025 01:27	WG2617181
Lead	ND		11.5	1.06	10/22/2025 01:27	WG2617181
Nickel	ND		11.5	1.06	10/22/2025 01:27	WG2617181
Selenium	0.188		0.115	1.06	10/22/2025 01:27	WG2617181
Silver	ND		0.577	1.06	10/22/2025 01:27	WG2617181
Zinc	ND		57.7	1.06	10/22/2025 01:27	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0650		1	10/10/2025 02:24	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.6		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.203	1	10/13/2025 09:33	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.06		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-17 WG2617653: 7.06 at 18.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	54.6	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-17 WG2617658: 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	10/09/2025 15:07	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.48		0.103	1.02	10/22/2025 01:31	WG2617181
Barium	27.2		10.3	1.02	10/22/2025 01:31	WG2617181
Cadmium	ND		0.103	1.02	10/22/2025 01:31	WG2617181
Copper	ND		10.3	1.02	10/22/2025 01:31	WG2617181
Lead	ND		10.3	1.02	10/22/2025 01:31	WG2617181
Nickel	ND		10.3	1.02	10/22/2025 01:31	WG2617181
Selenium	0.394		0.103	1.02	10/22/2025 01:31	WG2617181
Silver	ND		0.517	1.02	10/22/2025 01:31	WG2617181
Zinc	ND		51.7	1.02	10/22/2025 01:31	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0626		1	10/10/2025 02:26	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.6		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.207	1	10/13/2025 09:42	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.19		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-18 WG2617653: 7.19 at 18.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	53.8	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-18 WG2617658: 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	10/09/2025 15:16	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.61		0.104	1	10/22/2025 00:07	WG2617181
Barium	226	J3 J6	10.4	1	10/22/2025 00:07	WG2617181
Cadmium	ND		0.104	1	10/22/2025 00:07	WG2617181
Copper	ND		10.4	1	10/22/2025 00:07	WG2617181
Lead	12.4		10.4	1	10/22/2025 00:07	WG2617181
Nickel	ND		10.4	1	10/22/2025 00:07	WG2617181
Selenium	0.567		0.104	1	10/22/2025 00:07	WG2617181
Silver	ND		0.518	1	10/22/2025 00:07	WG2617181
Zinc	ND	J5	51.8	1	10/22/2025 00:07	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.116		1	10/10/2025 02:29	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.5		1	10/09/2025 09:43	WG2616801

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.207	1	10/13/2025 09:51	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.53		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-19 WG2617653: 7.53 at 18.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	59.2	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-19 WG2617658: 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	10/09/2025 15:19	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.66		0.113	1.09	10/22/2025 01:34	WG2617181
Barium	49.6		11.3	1.09	10/22/2025 01:34	WG2617181
Cadmium	ND		0.113	1.09	10/22/2025 01:34	WG2617181
Copper	ND		11.3	1.09	10/22/2025 01:34	WG2617181
Lead	ND		11.3	1.09	10/22/2025 01:34	WG2617181
Nickel	ND		11.3	1.09	10/22/2025 01:34	WG2617181
Selenium	0.467		0.113	1.09	10/22/2025 01:34	WG2617181
Silver	ND		0.565	1.09	10/22/2025 01:34	WG2617181
Zinc	ND		56.5	1.09	10/22/2025 01:34	WG2617181

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.122		1	10/10/2025 01:23	WG2617035

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.5		1	10/09/2025 09:43	WG2616801

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	10/13/2025 10:09	WG2617480

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.40		1	10/10/2025 09:21	WG2617653

Sample Narrative:

L1905727-20 WG2617653: 7.4 at 18.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	60.9	umhos/cm		10.0	1	10/10/2025 20:02	WG2617658

Sample Narrative:

L1905727-20 WG2617658: 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	10/09/2025 15:22	WG2617037

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.04		0.105	1	10/22/2025 01:37	WG2617181
Barium	49.8		10.5	1	10/22/2025 01:37	WG2617181
Cadmium	ND		0.105	1	10/22/2025 01:37	WG2617181
Copper	ND		10.5	1	10/22/2025 01:37	WG2617181
Lead	ND		10.5	1	10/22/2025 01:37	WG2617181
Nickel	ND		10.5	1	10/22/2025 01:37	WG2617181
Selenium	0.491		0.105	1	10/22/2025 01:37	WG2617181
Silver	ND		0.524	1	10/22/2025 01:37	WG2617181
Zinc	ND		52.4	1	10/22/2025 01:37	WG2617181

Method Blank (MB)

(MB) R4284978-1 10/09/25 10:03

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

L1905727-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-07 10/09/25 10:03 • (DUP) R4284978-3 10/09/25 10:03

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.7	96.6	1	0.0937		10

Laboratory Control Sample (LCS)

(LCS) R4284978-2 10/09/25 10:03

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

Method Blank (MB)

(MB) R4284975-1 10/09/25 09:43

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

L1905727-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-18 10/09/25 09:43 • (DUP) R4284975-3 10/09/25 09:43

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.6	96.7	1	0.168		10

Laboratory Control Sample (LCS)

(LCS) R4284975-2 10/09/25 09:43

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

QUALITY CONTROL SUMMARY

L1905727-01,02,03,04,05,06,07,08

Method Blank (MB)

(MB) R4286068-1 10/13/25 02:20

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

L1905217-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1905217-01 10/13/25 02:43 • (DUP) R4286068-3 10/13/25 02:54

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

L1905727-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-08 10/13/25 08:03 • (DUP) R4286068-8 10/13/25 08:15

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

Laboratory Control Sample (LCS)

(LCS) R4286068-2 10/13/25 02:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	8.73	87.3	80.0-120	

L1905727-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905727-03 10/13/25 05:57 • (MS) R4286068-4 10/13/25 06:09 • (MSD) R4286068-5 10/13/25 06:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	20.4	ND	15.5	18.1	76.1	88.5	1	75.0-125			15.1	20

L1905727-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1905727-03 10/13/25 05:57 • (MS) R4286068-9 10/13/25 06:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	665	ND	371	55.9	50	75.0-125	J6

Method Blank (MB)

(MB) R4286611-1 10/13/25 07:37

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

L1905727-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-09 10/13/25 07:55 • (DUP) R4286611-3 10/13/25 08:04

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

L1905727-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-19 10/13/25 09:51 • (DUP) R4286611-4 10/13/25 10:00

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

Laboratory Control Sample (LCS)

(LCS) R4286611-2 10/13/25 07:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.83	98.3	80.0-120	

L1906347-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1906347-05 10/13/25 11:38 • (MS) R4286611-6 10/13/25 11:56 • (MSD) R4286611-7 10/13/25 12:05

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexavalent Chromium	26.3	ND	20.7	11.1	79.0	42.2	1	75.0-125		J3 J6	60.6	20

L1906347-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1906347-05 10/13/25 11:38 • (MS) R4286611-9 10/13/25 12:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Hexavalent Chromium	835	ND	603	72.3	50	75.0-125	J6

L1905727-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-01 10/10/25 09:21 • (DUP) R4285328-2 10/10/25 09:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	6.96	6.98	1	0.287		1

Sample Narrative:

OS: 6.96 at 19.7C

DUP: 6.98 at 19.7C

L1905727-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-20 10/10/25 09:21 • (DUP) R4285328-3 10/10/25 09:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.40	7.40	1	0.000		1

Sample Narrative:

OS: 7.4 at 18.6C

DUP: 7.4 at 18.4C

Laboratory Control Sample (LCS)

(LCS) R4285328-1 10/10/25 09:21

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 18.7C

Method Blank (MB)

(MB) R4285625-1 10/10/25 20:02

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

Sample Narrative:
BLANK: at 25C

L1905727-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-02 10/10/25 20:02 • (DUP) R4285625-3 10/10/25 20:02

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	49.9	49.8	1	0.201		20

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

L1905727-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1905727-19 10/10/25 20:02 • (DUP) R4285625-4 10/10/25 20:02

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	59.2	58.7	1	0.848		20

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

Laboratory Control Sample (LCS)

(LCS) R4285625-2 10/10/25 20:02

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	584	101	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4284889-1 10/09/25 14:07

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) R4284889-2 10/09/25 14:10 • (LCSD) R4284889-3 10/09/25 14:13

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	0.962	0.983	96.2	98.3	80.0-120			2.11	20

Method Blank (MB)

(MB) R4290442-1 10/22/25 00:00

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

Laboratory Control Sample (LCS)

(LCS) R4290442-2 10/22/25 00:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	109	109	80.0-120	
Barium	100	110	110	80.0-120	
Cadmium	100	103	103	80.0-120	
Copper	100	110	110	80.0-120	
Lead	100	110	110	80.0-120	
Nickel	100	114	114	80.0-120	
Selenium	100	108	108	80.0-120	
Silver	20.0	20.9	104	80.0-120	
Zinc	100	110	110	80.0-120	

L1905727-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905727-18 10/22/25 00:07 • (MS) R4290442-5 10/22/25 00:16 • (MSD) R4290442-6 10/22/25 00:19

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	104	2.61	112	116	106	109	1	75.0-125			3.40	20
Barium	104	226	150	184	0.000	0.000	1	75.0-125	J6	J3 J6	20.6	20
Cadmium	104	ND	107	110	104	106	1	75.0-125			2.47	20
Copper	104	ND	112	118	108	114	1	75.0-125			5.13	20
Lead	104	12.4	111	114	95.4	98.5	1	75.0-125			2.83	20
Nickel	104	ND	117	120	113	116	1	75.0-125			2.86	20
Selenium	104	0.567	108	112	104	108	1	75.0-125			3.44	20
Silver	20.7	ND	21.2	21.6	102	104	1	75.0-125			2.05	20

L1905727-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1905727-18 10/22/25 00:07 • (MS) R4290442-5 10/22/25 00:16 • (MSD) R4290442-6 10/22/25 00:19

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Zinc	104	ND	125	138	121	133	1	75.0-125		J5	9.93	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
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.
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
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

Billing Information:
Accounts Payable
650 Southgate Dr.
Windsor, CO 80550

Pres Chk

Project Manager:
Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: C0Ø4Ø27

Collected by (print): RS Shickel, Sean Clarke

Site/Facility ID #:

Billing Code #: 8520.167

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___Same Day ___Five Day
___Next Day ___5 Day (Rad Only)
___Two Day ___10 Day (Rad Only)
___Three Day

Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres	Remarks	Sample # (lab only)
BGØ6@3'	Grab	SS	3'	10/6/25	1400	2		X					-01
BGØ6@5'			5'		1405								-02
BGØ6@8'			8'		1410								-03
BGØ6@9'			9'		1415								-04
BGØ7@3'			3'		1420								-05
BGØ7@5'			5'		1425								-06
BGØ7@8'			8'		1430								-07
BGØ7@9'			9'		1435								-08
BGØ8@3'			3'		1440								-09
BGØ8@5'			5'		1445								-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1905727

A194

Acctnum: CIVTASBCO
Template: T250702
Prelogin: P1068185
PM: 824 - Chris Ward
PB:
Shipped Via: FedEX Ground

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

Remarks:
pH, EC, SAR by saturated paste preparation method
Boron by hot water soluble preparation method
Table 915-1 Metals - As, Ba, Cd, Cu, Pb, Ni, Se, Ag, Zn, Cr VI

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	10/6/25	16:58			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 40	If preservation required by Login: Date/Time
	10/07/25	1800	SWA		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10.8.25 Time: 0800	Hold: / Condition: NCF / OK
			Deepak		

Company Name/Address:
Civitas/Tasman - CO
4725 Independence St,
Wheat Ridge, Colorado 80033

Billing Information:
Accounts Payable
650 Southgate Dr.
Windsor, CO 80550

Pres Chk

Project Manager:
Sam Vogt / Eli Craig

Email: svogt@tasman-geo.com / ecraig@civiresources.com

Project Name: State Seventy Holes P-4

Please Circle: PT (MT) CT ET

Phone: 610-405-9078

Lab Project #:

AFE# or C/C: C0040027

Collected by (print): RJ Shickel, Sean Clarke

Site/Facility ID #:

Billing Code #: 8520.167

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___Same Day ___Five Day
___Next Day ___5 Day (Rad Only)
___Two Day ___10 Day (Rad Only)
___Three Day

Quote #

Date Results Needed: STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 1L-HDPE-NoPres					Remarks	Sample # (lab only)
BG08@8'	Grab	SS	8'	10/6/25	1450	2		X									-11
BG08@9'			9'		1455												-12
BG09@3'			3'		1600												-13
BG09@5'			5'		1505												-14
BG09@8'			8'		1510												-15
BG09@9'			9'		1515												-16
BG10@3'			3'		1520												-17
BG10@5'			5'		1525												-18
BG10@8'			8'		1530												-19
BG10@9'			9'		1535												-20

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard- terms.pdf

SDG # L1905727

Table #

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Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 40	
	10/07/25	1800	SWA		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10.8.25 Time: 0800	Hold: / Condition: NCF / OK
			Dwyane		

Multiple Parcel Form

L# L905727

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SWA	TLA4	1.5	-0.1	1.4	(Yes) / No / Not Present
SWA	TLA4	1.4	-0.1	1.3	(Yes) / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Name

10.8.25
Date