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ANALYTICAL REPORT

December 01, 2025

Civitas - CO

Sample Delivery Group:	L1916468
Samples Received:	11/08/2025
Project Number:	250066
Description:	State Peterson 22-20
Report To:	Civitas-Tasman
	4725 Independence
	Suite 100
	Wheat Ridge, CO 80033

Entire Report Reviewed By:

Mandi Edwards
Project Manager

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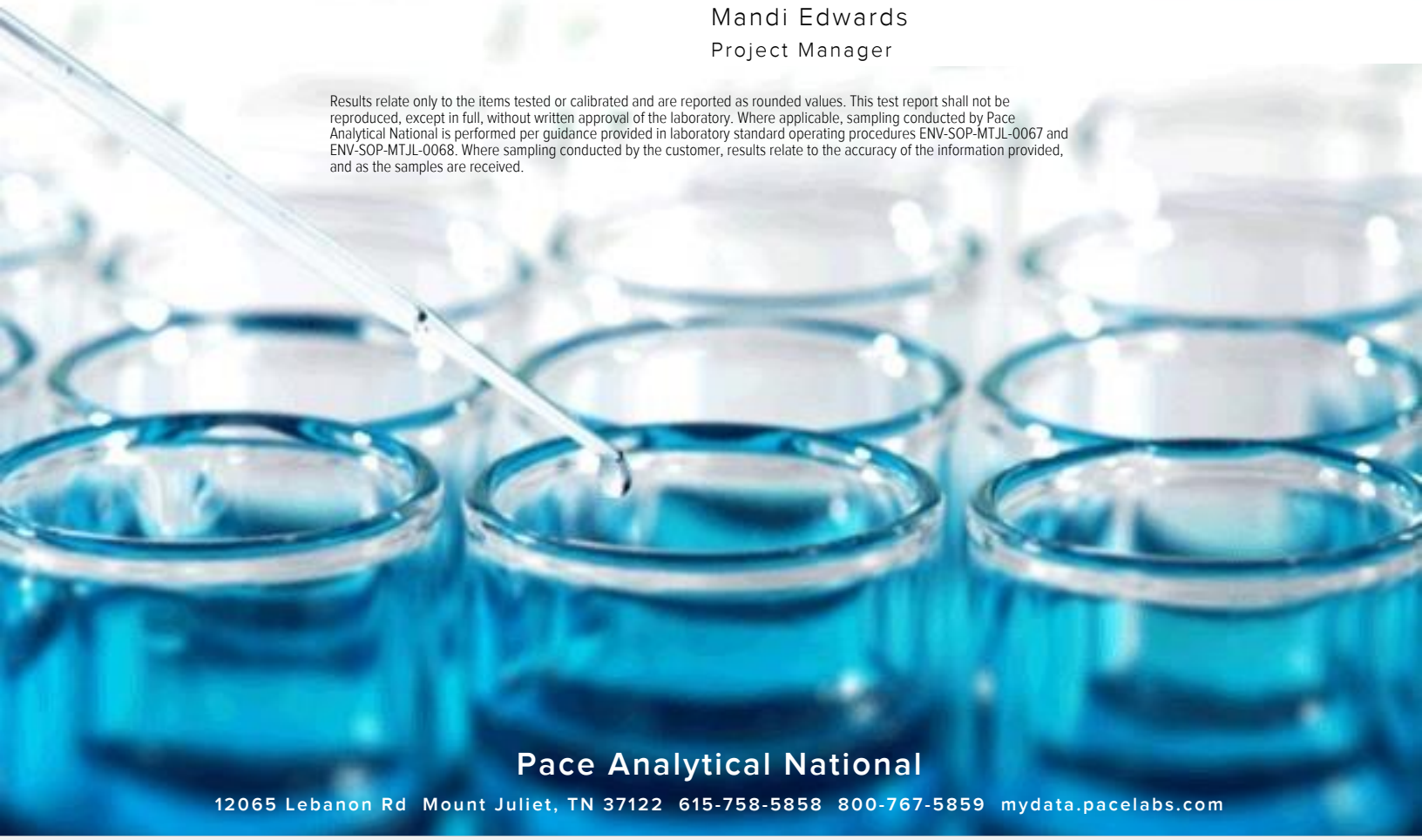

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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FL-B21@3' L1916468-01

Collected by | Collected date/time 11/07/25 09:00 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:12	11/13/25 00:12	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637964	1	11/12/25 09:06	11/12/25 09:25	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 09:38	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:32	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:34	LD	Mt. Juliet, TN

BG11@4' L1916468-02

Collected by | Collected date/time 11/07/25 09:10 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:13	11/13/25 00:13	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637964	1	11/12/25 09:06	11/12/25 09:25	MT	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 09:49	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:34	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:37	LD	Mt. Juliet, TN

BG11@5' L1916468-03

Collected by | Collected date/time 11/07/25 09:20 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:15	11/13/25 00:15	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 10:01	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:37	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:40	LD	Mt. Juliet, TN

BG11@6' L1916468-04

Collected by | Collected date/time 11/07/25 09:30 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:17	11/13/25 00:17	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 16:35	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:40	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:56	LD	Mt. Juliet, TN

BG11@7' L1916468-05

Collected by | Collected date/time 11/07/25 09:40 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:19	11/13/25 00:19	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 16:46	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN

BG11@7' L1916468-05

Collected by	Collected date/time	Received date/time
	11/07/25 09:40	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:42	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:59	LD	Mt. Juliet, TN

BG12@4' L1916468-06

Collected by	Collected date/time	Received date/time
	11/07/25 09:50	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:20	11/13/25 00:20	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 11:35	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:45	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:02	LD	Mt. Juliet, TN

BG12@5' L1916468-07

Collected by	Collected date/time	Received date/time
	11/07/25 10:00	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:22	11/13/25 00:22	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 11:46	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:48	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 00:19	LD	Mt. Juliet, TN

BG12@6' L1916468-08

Collected by	Collected date/time	Received date/time
	11/07/25 10:10	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:24	11/13/25 00:24	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 11:57	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:56	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:05	LD	Mt. Juliet, TN

BG12@7' L1916468-09

Collected by	Collected date/time	Received date/time
	11/07/25 10:20	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:26	11/13/25 00:26	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 12:09	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 15:59	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1.02	11/12/25 18:36	11/25/25 01:08	LD	Mt. Juliet, TN

BG13@4' L1916468-10

Collected by | Collected date/time 11/07/25 10:30 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:31	11/13/25 00:31	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 12:20	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 16:01	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:11	LD	Mt. Juliet, TN

BG13@5' L1916468-11

Collected by | Collected date/time 11/07/25 10:40 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:33	11/13/25 00:33	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 17:41	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 16:04	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:14	LD	Mt. Juliet, TN

BG13@6' L1916468-12

Collected by | Collected date/time 11/07/25 10:50 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:35	11/13/25 00:35	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2637967	1	11/12/25 08:54	11/12/25 09:04	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 18:03	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 16:07	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:17	LD	Mt. Juliet, TN

BG13@7' L1916468-13

Collected by | Collected date/time 11/07/25 11:00 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:36	11/13/25 00:36	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 13:36	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 16:09	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:20	LD	Mt. Juliet, TN

BG14@4' L1916468-14

Collected by | Collected date/time 11/07/25 11:10 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639014	1	11/13/25 00:38	11/13/25 00:38	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 18:37	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639493	1	11/13/25 08:38	11/13/25 12:00	AL	Mt. Juliet, TN

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

BG14@4' L1916468-14

Collected by | Collected date/time 11/07/25 11:10 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639509	1	11/13/25 08:54	11/14/25 18:10	KRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639150	1	11/13/25 14:50	11/14/25 16:12	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:23	LD	Mt. Juliet, TN

BG14@5' L1916468-15

Collected by | Collected date/time 11/07/25 11:20 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:03	11/13/25 01:03	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 13:57	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:17	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:36	LD	Mt. Juliet, TN

BG14@6' L1916468-16

Collected by | Collected date/time 11/07/25 11:30 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:05	11/13/25 01:05	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 14:08	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:20	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:39	LD	Mt. Juliet, TN

BG14@7' L1916468-17

Collected by | Collected date/time 11/07/25 11:40 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:07	11/13/25 01:07	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 18:48	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:23	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:42	LD	Mt. Juliet, TN

BG15@4' L1916468-18

Collected by | Collected date/time 11/07/25 11:50 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:08	11/13/25 01:08	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638420	1	11/12/25 07:23	11/12/25 07:39	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 14:29	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:25	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:45	LD	Mt. Juliet, TN

BG15@5' L1916468-19

Collected by | Collected date/time 11/07/25 12:00 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:10	11/13/25 01:10	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/19/25 18:59	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:28	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1.02	11/12/25 18:36	11/25/25 01:48	LD	Mt. Juliet, TN

BG15@6' L1916468-20

Collected by | Collected date/time 11/07/25 12:10 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:12	11/13/25 01:12	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638334	1	11/11/25 22:25	11/18/25 14:41	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:31	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638524	1	11/12/25 18:36	11/25/25 01:51	LD	Mt. Juliet, TN

BG15@7' L1916468-21

Collected by | Collected date/time 11/07/25 12:20 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:14	11/13/25 01:14	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638396	1	11/12/25 13:07	11/17/25 04:20	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:34	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638527	1	11/12/25 17:28	11/27/25 13:11	UNP	Mt. Juliet, TN

BG16@4' L1916468-22

Collected by | Collected date/time 11/07/25 12:30 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:16	11/13/25 01:16	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638396	1	11/12/25 13:07	11/17/25 04:31	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:42	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638527	1.02	11/12/25 17:28	11/27/25 13:15	UNP	Mt. Juliet, TN

BG16@5' L1916468-23

Collected by | Collected date/time 11/07/25 12:40 | Received date/time 11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:17	11/13/25 01:17	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638396	1	11/12/25 13:07	11/17/25 04:53	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN

BG16@5' L1916468-23

	Collected by	Collected date/time	Received date/time
		11/07/25 12:40	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:44	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638527	1	11/12/25 17:28	11/27/25 13:18	UNP	Mt. Juliet, TN

BG16@6' L1916468-24

	Collected by	Collected date/time	Received date/time
		11/07/25 12:50	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:23	11/13/25 01:23	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638396	1	11/12/25 13:07	11/17/25 05:04	SET	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:47	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638527	1	11/12/25 17:28	11/27/25 13:21	UNP	Mt. Juliet, TN

BG16@7' L1916468-25

	Collected by	Collected date/time	Received date/time
		11/07/25 13:00	11/08/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG2639063	1	11/13/25 01:25	11/13/25 01:25	MAP	Mt. Juliet, TN
Total Solids by Method 2540 G-2011	WG2638421	1	11/12/25 07:44	11/12/25 07:49	CMB	Mt. Juliet, TN
Wet Chemistry by Method 7199	WG2638225	1	11/11/25 17:28	11/18/25 15:52	EKB	Mt. Juliet, TN
Wet Chemistry by Method 9045D (S-1.10)	WG2639495	1	11/13/25 08:42	11/13/25 18:50	KRB	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod (S-1.20)	WG2639510	1	11/13/25 08:57	11/15/25 08:36	RJP	Mt. Juliet, TN
Metals (ICP) by Method 6010D (S-7.10)	WG2639152	1	11/14/25 16:26	11/15/25 16:50	RLS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2638527	1	11/12/25 17:28	11/27/25 13:31	UNP	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

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
WG2638396	(MSD) R4302207-5	Hexavalent Chromium

Metals (ICPMS) by Method 6020B

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

Batch	Lab Sample ID	Analytes
WG2638524	(MS) R4305826-5, (MSD) R4305826-6, L1916468-07	Zinc

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
WG2638524	L1916468-07	Copper, Nickel and Zinc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.105		1	11/13/2025 00:12	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.7		1	11/12/2025 09:25	WG2637964

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	11/18/2025 09:38	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.26		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-01 WG2639493: 8.26 at 19.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	267	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-01 WG2639509: 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	11/14/2025 15:32	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.55		0.107	1	11/25/2025 00:34	WG2638524
Barium	39.3		10.7	1	11/25/2025 00:34	WG2638524
Cadmium	0.130		0.107	1	11/25/2025 00:34	WG2638524
Copper	ND		10.7	1	11/25/2025 00:34	WG2638524
Lead	ND		10.7	1	11/25/2025 00:34	WG2638524
Nickel	ND		10.7	1	11/25/2025 00:34	WG2638524
Selenium	0.527		0.107	1	11/25/2025 00:34	WG2638524
Silver	ND		0.534	1	11/25/2025 00:34	WG2638524
Zinc	ND		53.4	1	11/25/2025 00:34	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.112		1	11/13/2025 00:13	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.7		1	11/12/2025 09:25	WG2637964

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.211	1	11/18/2025 09:49	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.68		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-02 WG2639493: 7.68 at 19.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	107	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-02 WG2639509: 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	11/14/2025 15:34	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.51		0.106	1	11/25/2025 00:37	WG2638524
Barium	47.8		10.6	1	11/25/2025 00:37	WG2638524
Cadmium	ND		0.106	1	11/25/2025 00:37	WG2638524
Copper	ND		10.6	1	11/25/2025 00:37	WG2638524
Lead	ND		10.6	1	11/25/2025 00:37	WG2638524
Nickel	ND		10.6	1	11/25/2025 00:37	WG2638524
Selenium	0.453		0.106	1	11/25/2025 00:37	WG2638524
Silver	ND		0.528	1	11/25/2025 00:37	WG2638524
Zinc	ND		52.8	1	11/25/2025 00:37	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.13		1	11/13/2025 00:15	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.5		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.221	1	11/18/2025 10:01	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.49		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-03 WG2639493: 8.49 at 19.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	268	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-03 WG2639509: 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	11/14/2025 15:37	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.76		0.110	1	11/25/2025 00:40	WG2638524
Barium	130		11.0	1	11/25/2025 00:40	WG2638524
Cadmium	0.155		0.110	1	11/25/2025 00:40	WG2638524
Copper	ND		11.0	1	11/25/2025 00:40	WG2638524
Lead	ND		11.0	1	11/25/2025 00:40	WG2638524
Nickel	ND		11.0	1	11/25/2025 00:40	WG2638524
Selenium	0.655		0.110	1	11/25/2025 00:40	WG2638524
Silver	ND		0.552	1	11/25/2025 00:40	WG2638524
Zinc	ND		55.2	1	11/25/2025 00:40	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.35		1	11/13/2025 00:17	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	92.8		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.216	1	11/19/2025 16:35	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.31		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-04 WG2639493: 8.31 at 19.2C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	492	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-04 WG2639509: 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	11/14/2025 15:40	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.97		0.108	1	11/25/2025 00:56	WG2638524
Barium	233		10.8	1	11/25/2025 00:56	WG2638524
Cadmium	ND		0.108	1	11/25/2025 00:56	WG2638524
Copper	ND		10.8	1	11/25/2025 00:56	WG2638524
Lead	ND		10.8	1	11/25/2025 00:56	WG2638524
Nickel	ND		10.8	1	11/25/2025 00:56	WG2638524
Selenium	0.556		0.108	1	11/25/2025 00:56	WG2638524
Silver	ND		0.539	1	11/25/2025 00:56	WG2638524
Zinc	ND		53.9	1	11/25/2025 00:56	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.23		1	11/13/2025 00:19	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	94.5		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.212	1	11/19/2025 16:46	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.49		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-05 WG2639493: 8.49 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	473	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-05 WG2639509: 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	11/14/2025 15:42	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.23		0.106	1	11/25/2025 00:59	WG2638524
Barium	387		10.6	1	11/25/2025 00:59	WG2638524
Cadmium	0.119		0.106	1	11/25/2025 00:59	WG2638524
Copper	ND		10.6	1	11/25/2025 00:59	WG2638524
Lead	15.4		10.6	1	11/25/2025 00:59	WG2638524
Nickel	ND		10.6	1	11/25/2025 00:59	WG2638524
Selenium	0.475		0.106	1	11/25/2025 00:59	WG2638524
Silver	ND		0.529	1	11/25/2025 00:59	WG2638524
Zinc	ND		52.9	1	11/25/2025 00:59	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.446		1	11/13/2025 00:20	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.3		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.210	1	11/18/2025 11:35	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.82		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-06 WG2639493: 7.82 at 19.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	85.3	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-06 WG2639509: 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	11/14/2025 15:45	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.84		0.105	1	11/25/2025 01:02	WG2638524
Barium	43.2		10.5	1	11/25/2025 01:02	WG2638524
Cadmium	ND		0.105	1	11/25/2025 01:02	WG2638524
Copper	ND		10.5	1	11/25/2025 01:02	WG2638524
Lead	ND		10.5	1	11/25/2025 01:02	WG2638524
Nickel	ND		10.5	1	11/25/2025 01:02	WG2638524
Selenium	0.467		0.105	1	11/25/2025 01:02	WG2638524
Silver	ND		0.524	1	11/25/2025 01:02	WG2638524
Zinc	ND		52.4	1	11/25/2025 01:02	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.34		1	11/13/2025 00:22	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.6		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.239	1	11/18/2025 11:46	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.64		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-07 WG2639493: 8.64 at 19.4C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	268	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-07 WG2639509: 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	11/14/2025 15:48	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.37		0.120	1	11/25/2025 00:19	WG2638524
Barium	172		12.0	1	11/25/2025 00:19	WG2638524
Cadmium	0.238		0.120	1	11/25/2025 00:19	WG2638524
Copper	ND	O1	12.0	1	11/25/2025 00:19	WG2638524
Lead	ND		12.0	1	11/25/2025 00:19	WG2638524
Nickel	ND	O1	12.0	1	11/25/2025 00:19	WG2638524
Selenium	0.870		0.120	1	11/25/2025 00:19	WG2638524
Silver	ND		0.598	1	11/25/2025 00:19	WG2638524
Zinc	ND	J5 O1	59.8	1	11/25/2025 00:19	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.50		1	11/13/2025 00:24	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.1		1	11/12/2025 09:04	WG2637967

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.222	1	11/18/2025 11:57	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.30		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-08 WG2639493: 8.3 at 18.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	619	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-08 WG2639509: 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	11/14/2025 15:56	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.54		0.111	1	11/25/2025 01:05	WG2638524
Barium	518		11.1	1	11/25/2025 01:05	WG2638524
Cadmium	0.123		0.111	1	11/25/2025 01:05	WG2638524
Copper	ND		11.1	1	11/25/2025 01:05	WG2638524
Lead	ND		11.1	1	11/25/2025 01:05	WG2638524
Nickel	ND		11.1	1	11/25/2025 01:05	WG2638524
Selenium	0.458		0.111	1	11/25/2025 01:05	WG2638524
Silver	ND		0.555	1	11/25/2025 01:05	WG2638524
Zinc	ND		55.5	1	11/25/2025 01:05	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.925		1	11/13/2025 00:26	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.9		1	11/12/2025 09:04	WG2637967

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	11/18/2025 12:09	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.88		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-09 WG2639493: 8.88 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	171	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-09 WG2639509: 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	11/14/2025 15:59	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.54		0.105	1.02	11/25/2025 01:08	WG2638524
Barium	83.4		10.5	1.02	11/25/2025 01:08	WG2638524
Cadmium	ND		0.105	1.02	11/25/2025 01:08	WG2638524
Copper	ND		10.5	1.02	11/25/2025 01:08	WG2638524
Lead	ND		10.5	1.02	11/25/2025 01:08	WG2638524
Nickel	ND		10.5	1.02	11/25/2025 01:08	WG2638524
Selenium	0.421		0.105	1.02	11/25/2025 01:08	WG2638524
Silver	ND		0.526	1.02	11/25/2025 01:08	WG2638524
Zinc	ND		52.6	1.02	11/25/2025 01:08	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.759		1	11/13/2025 00:31	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.3		1	11/12/2025 09:04	WG2637967

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	11/18/2025 12:20	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.71		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-10 WG2639493: 8.71 at 18.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	170	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-10 WG2639509: 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	11/14/2025 16:01	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.94		0.104	1	11/25/2025 01:11	WG2638524
Barium	277		10.4	1	11/25/2025 01:11	WG2638524
Cadmium	0.113		0.104	1	11/25/2025 01:11	WG2638524
Copper	ND		10.4	1	11/25/2025 01:11	WG2638524
Lead	ND		10.4	1	11/25/2025 01:11	WG2638524
Nickel	ND		10.4	1	11/25/2025 01:11	WG2638524
Selenium	0.584		0.104	1	11/25/2025 01:11	WG2638524
Silver	ND		0.519	1	11/25/2025 01:11	WG2638524
Zinc	ND		51.9	1	11/25/2025 01:11	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.04		1	11/13/2025 00:33	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.6		1	11/12/2025 09:04	WG2637967

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	11/19/2025 17:41	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.80		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-11 WG2639493: 8.8 at 18.9C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	171	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-11 WG2639509: 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	11/14/2025 16:04	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.33		0.102	1	11/25/2025 01:14	WG2638524
Barium	109		10.2	1	11/25/2025 01:14	WG2638524
Cadmium	ND		0.102	1	11/25/2025 01:14	WG2638524
Copper	ND		10.2	1	11/25/2025 01:14	WG2638524
Lead	ND		10.2	1	11/25/2025 01:14	WG2638524
Nickel	ND		10.2	1	11/25/2025 01:14	WG2638524
Selenium	0.489		0.102	1	11/25/2025 01:14	WG2638524
Silver	ND		0.512	1	11/25/2025 01:14	WG2638524
Zinc	ND		51.2	1	11/25/2025 01:14	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.737		1	11/13/2025 00:35	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.4		1	11/12/2025 09:04	WG2637967

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	11/19/2025 18:03	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.76		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-12 WG2639493: 8.76 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	169	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-12 WG2639509: 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	11/14/2025 16:07	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.27		0.102	1	11/25/2025 01:17	WG2638524
Barium	69.1		10.2	1	11/25/2025 01:17	WG2638524
Cadmium	ND		0.102	1	11/25/2025 01:17	WG2638524
Copper	ND		10.2	1	11/25/2025 01:17	WG2638524
Lead	ND		10.2	1	11/25/2025 01:17	WG2638524
Nickel	ND		10.2	1	11/25/2025 01:17	WG2638524
Selenium	0.426		0.102	1	11/25/2025 01:17	WG2638524
Silver	ND		0.508	1	11/25/2025 01:17	WG2638524
Zinc	ND		50.8	1	11/25/2025 01:17	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.741		1	11/13/2025 00:36	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.3		1	11/12/2025 07:39	WG2638420

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	11/18/2025 13:36	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.73		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-13 WG2639493: 8.73 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	175	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-13 WG2639509: 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	11/14/2025 16:09	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.65		0.102	1	11/25/2025 01:20	WG2638524
Barium	64.7		10.2	1	11/25/2025 01:20	WG2638524
Cadmium	ND		0.102	1	11/25/2025 01:20	WG2638524
Copper	ND		10.2	1	11/25/2025 01:20	WG2638524
Lead	ND		10.2	1	11/25/2025 01:20	WG2638524
Nickel	ND		10.2	1	11/25/2025 01:20	WG2638524
Selenium	0.476		0.102	1	11/25/2025 01:20	WG2638524
Silver	ND		0.508	1	11/25/2025 01:20	WG2638524
Zinc	ND		50.8	1	11/25/2025 01:20	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.166		1	11/13/2025 00:38	WG2639014

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.7		1	11/12/2025 07:39	WG2638420

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	11/19/2025 18:37	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.91		1	11/13/2025 12:00	WG2639493

Sample Narrative:

L1916468-14 WG2639493: 7.91 at 18.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	156	umhos/cm		10.0	1	11/14/2025 18:10	WG2639509

Sample Narrative:

L1916468-14 WG2639509: 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	11/14/2025 16:12	WG2639150

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.80		0.104	1	11/25/2025 01:23	WG2638524
Barium	72.7		10.4	1	11/25/2025 01:23	WG2638524
Cadmium	ND		0.104	1	11/25/2025 01:23	WG2638524
Copper	ND		10.4	1	11/25/2025 01:23	WG2638524
Lead	ND		10.4	1	11/25/2025 01:23	WG2638524
Nickel	ND		10.4	1	11/25/2025 01:23	WG2638524
Selenium	0.524		0.104	1	11/25/2025 01:23	WG2638524
Silver	ND		0.522	1	11/25/2025 01:23	WG2638524
Zinc	ND		52.2	1	11/25/2025 01:23	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.233		1	11/13/2025 01:03	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.5		1	11/12/2025 07:39	WG2638420

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	11/18/2025 13:57	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.28		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-15 WG2639495: 8.28 at 19.3C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	196	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-15 WG2639510: 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	11/15/2025 16:17	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.60		0.103	1	11/25/2025 01:36	WG2638524
Barium	56.7		10.3	1	11/25/2025 01:36	WG2638524
Cadmium	ND		0.103	1	11/25/2025 01:36	WG2638524
Copper	ND		10.3	1	11/25/2025 01:36	WG2638524
Lead	ND		10.3	1	11/25/2025 01:36	WG2638524
Nickel	ND		10.3	1	11/25/2025 01:36	WG2638524
Selenium	0.400		0.103	1	11/25/2025 01:36	WG2638524
Silver	ND		0.513	1	11/25/2025 01:36	WG2638524
Zinc	ND		51.3	1	11/25/2025 01:36	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.11		1	11/13/2025 01:05	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	11/12/2025 07:39	WG2638420

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	11/18/2025 14:08	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.12		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-16 WG2639495: 8.12 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	717	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-16 WG2639510: 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	11/15/2025 16:20	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.94		0.104	1	11/25/2025 01:39	WG2638524
Barium	101		10.4	1	11/25/2025 01:39	WG2638524
Cadmium	0.108		0.104	1	11/25/2025 01:39	WG2638524
Copper	ND		10.4	1	11/25/2025 01:39	WG2638524
Lead	ND		10.4	1	11/25/2025 01:39	WG2638524
Nickel	ND		10.4	1	11/25/2025 01:39	WG2638524
Selenium	0.458		0.104	1	11/25/2025 01:39	WG2638524
Silver	ND		0.521	1	11/25/2025 01:39	WG2638524
Zinc	ND		52.1	1	11/25/2025 01:39	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	3.89		1	11/13/2025 01:07	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	96.0		1	11/12/2025 07:39	WG2638420

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	11/19/2025 18:48	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.26		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-17 WG2639495: 8.26 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1370	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-17 WG2639510: 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	11/15/2025 16:23	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.74		0.104	1	11/25/2025 01:42	WG2638524
Barium	124		10.4	1	11/25/2025 01:42	WG2638524
Cadmium	ND		0.104	1	11/25/2025 01:42	WG2638524
Copper	ND		10.4	1	11/25/2025 01:42	WG2638524
Lead	ND		10.4	1	11/25/2025 01:42	WG2638524
Nickel	ND		10.4	1	11/25/2025 01:42	WG2638524
Selenium	0.580		0.104	1	11/25/2025 01:42	WG2638524
Silver	ND		0.521	1	11/25/2025 01:42	WG2638524
Zinc	ND		52.1	1	11/25/2025 01:42	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.0635		1	11/13/2025 01:08	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.6		1	11/12/2025 07:39	WG2638420

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.231	1	11/18/2025 14:29	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.71		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-18 WG2639495: 7.71 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	557	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-18 WG2639510: 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	11/15/2025 16:25	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.903		0.116	1	11/25/2025 01:45	WG2638524
Barium	35.9		11.6	1	11/25/2025 01:45	WG2638524
Cadmium	ND		0.116	1	11/25/2025 01:45	WG2638524
Copper	ND		11.6	1	11/25/2025 01:45	WG2638524
Lead	ND		11.6	1	11/25/2025 01:45	WG2638524
Nickel	ND		11.6	1	11/25/2025 01:45	WG2638524
Selenium	0.370		0.116	1	11/25/2025 01:45	WG2638524
Silver	ND		0.578	1	11/25/2025 01:45	WG2638524
Zinc	ND		57.8	1	11/25/2025 01:45	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.101		1	11/13/2025 01:10	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	91.3		1	11/12/2025 07:49	WG2638421

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.219	1	11/19/2025 18:59	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	7.57		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-19 WG2639495: 7.57 at 19C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	346	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-19 WG2639510: 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	11/15/2025 16:28	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.90		0.112	1.02	11/25/2025 01:48	WG2638524
Barium	37.7		11.2	1.02	11/25/2025 01:48	WG2638524
Cadmium	ND		0.112	1.02	11/25/2025 01:48	WG2638524
Copper	ND		11.2	1.02	11/25/2025 01:48	WG2638524
Lead	ND		11.2	1.02	11/25/2025 01:48	WG2638524
Nickel	ND		11.2	1.02	11/25/2025 01:48	WG2638524
Selenium	0.676		0.112	1.02	11/25/2025 01:48	WG2638524
Silver	ND		0.559	1.02	11/25/2025 01:48	WG2638524
Zinc	ND		55.9	1.02	11/25/2025 01:48	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.119		1	11/13/2025 01:12	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.9		1	11/12/2025 07:49	WG2638421

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.202	1	11/18/2025 14:41	WG2638334

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.07		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-20 WG2639495: 8.07 at 19.1C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	270	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-20 WG2639510: 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	11/15/2025 16:31	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.26		0.101	1	11/25/2025 01:51	WG2638524
Barium	42.5		10.1	1	11/25/2025 01:51	WG2638524
Cadmium	ND		0.101	1	11/25/2025 01:51	WG2638524
Copper	ND		10.1	1	11/25/2025 01:51	WG2638524
Lead	ND		10.1	1	11/25/2025 01:51	WG2638524
Nickel	ND		10.1	1	11/25/2025 01:51	WG2638524
Selenium	0.599		0.101	1	11/25/2025 01:51	WG2638524
Silver	ND		0.506	1	11/25/2025 01:51	WG2638524
Zinc	ND		50.6	1	11/25/2025 01:51	WG2638524

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.142		1	11/13/2025 01:14	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	98.9		1	11/12/2025 07:49	WG2638421

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.202	1	11/17/2025 04:20	WG2638396

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.12		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-21 WG2639495: 8.12 at 18.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	219	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-21 WG2639510: 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	11/15/2025 16:34	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	0.960		0.101	1	11/27/2025 13:11	WG2638527
Barium	49.4		10.1	1	11/27/2025 13:11	WG2638527
Cadmium	ND		0.101	1	11/27/2025 13:11	WG2638527
Copper	ND		10.1	1	11/27/2025 13:11	WG2638527
Lead	ND		10.1	1	11/27/2025 13:11	WG2638527
Nickel	ND		10.1	1	11/27/2025 13:11	WG2638527
Selenium	ND		0.101	1	11/27/2025 13:11	WG2638527
Silver	ND		0.505	1	11/27/2025 13:11	WG2638527
Zinc	ND		50.5	1	11/27/2025 13:11	WG2638527

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.134		1	11/13/2025 01:16	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	95.2		1	11/12/2025 07:49	WG2638421

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.210	1	11/17/2025 04:31	WG2638396

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.34		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-22 WG2639495: 8.34 at 18.7C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	185	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-22 WG2639510: 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	11/15/2025 16:42	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.59		0.107	1.02	11/27/2025 13:15	WG2638527
Barium	76.6		10.7	1.02	11/27/2025 13:15	WG2638527
Cadmium	ND		0.107	1.02	11/27/2025 13:15	WG2638527
Copper	ND		10.7	1.02	11/27/2025 13:15	WG2638527
Lead	ND		10.7	1.02	11/27/2025 13:15	WG2638527
Nickel	ND		10.7	1.02	11/27/2025 13:15	WG2638527
Selenium	0.143		0.107	1.02	11/27/2025 13:15	WG2638527
Silver	ND		0.536	1.02	11/27/2025 13:15	WG2638527
Zinc	ND		53.6	1.02	11/27/2025 13:15	WG2638527

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.963		1	11/13/2025 01:17	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	93.9		1	11/12/2025 07:49	WG2638421

Wet Chemistry by Method 7199

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Hexavalent Chromium	ND		0.213	1	11/17/2025 04:53	WG2638396

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.52		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-23 WG2639495: 8.52 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	260	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-23 WG2639510: 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	11/15/2025 16:44	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.45		0.107	1	11/27/2025 13:18	WG2638527
Barium	172		10.7	1	11/27/2025 13:18	WG2638527
Cadmium	ND		0.107	1	11/27/2025 13:18	WG2638527
Copper	ND		10.7	1	11/27/2025 13:18	WG2638527
Lead	ND		10.7	1	11/27/2025 13:18	WG2638527
Nickel	ND		10.7	1	11/27/2025 13:18	WG2638527
Selenium	0.287		0.107	1	11/27/2025 13:18	WG2638527
Silver	ND		0.533	1	11/27/2025 13:18	WG2638527
Zinc	ND		53.3	1	11/27/2025 13:18	WG2638527

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.871		1	11/13/2025 01:23	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.1		1	11/12/2025 07:49	WG2638421

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	11/17/2025 05:04	WG2638396

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.33		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-24 WG2639495: 8.33 at 18.6C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	600	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-24 WG2639510: 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	11/15/2025 16:47	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.21		0.103	1	11/27/2025 13:21	WG2638527
Barium	107		10.3	1	11/27/2025 13:21	WG2638527
Cadmium	ND		0.103	1	11/27/2025 13:21	WG2638527
Copper	ND		10.3	1	11/27/2025 13:21	WG2638527
Lead	ND		10.3	1	11/27/2025 13:21	WG2638527
Nickel	ND		10.3	1	11/27/2025 13:21	WG2638527
Selenium	0.181		0.103	1	11/27/2025 13:21	WG2638527
Silver	ND		0.515	1	11/27/2025 13:21	WG2638527
Zinc	ND		51.5	1	11/27/2025 13:21	WG2638527

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	0.943		1	11/13/2025 01:25	WG2639063

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	97.4		1	11/12/2025 07:49	WG2638421

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	11/18/2025 15:52	WG2638225

Wet Chemistry by Method 9045D (S-1.10)

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.39		1	11/13/2025 18:50	WG2639495

Sample Narrative:

L1916468-25 WG2639495: 8.39 at 18.5C

Wet Chemistry by Method 9050AMod (S-1.20)

Analyte	Result	Units	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	430	umhos/cm		10.0	1	11/15/2025 08:36	WG2639510

Sample Narrative:

L1916468-25 WG2639510: 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	11/15/2025 16:50	WG2639152

Metals (ICPMS) by Method 6020B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Arsenic	1.87		0.103	1	11/27/2025 13:31	WG2638527
Barium	90.4		10.3	1	11/27/2025 13:31	WG2638527
Cadmium	0.187		0.103	1	11/27/2025 13:31	WG2638527
Copper	ND		10.3	1	11/27/2025 13:31	WG2638527
Lead	ND		10.3	1	11/27/2025 13:31	WG2638527
Nickel	ND		10.3	1	11/27/2025 13:31	WG2638527
Selenium	0.290		0.103	1	11/27/2025 13:31	WG2638527
Silver	ND		0.513	1	11/27/2025 13:31	WG2638527
Zinc	ND		51.3	1	11/27/2025 13:31	WG2638527

Method Blank (MB)

(MB) R4300074-1 11/12/25 09:25

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

L1916431-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1916431-05 11/12/25 09:25 • (DUP) R4300074-3 11/12/25 09:25

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	77.9	77.6	1	0.397		10

Laboratory Control Sample (LCS)

(LCS) R4300074-2 11/12/25 09:25

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) R4299998-1 11/12/25 09:04

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1916468-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-07 11/12/25 09:04 • (DUP) R4299998-3 11/12/25 09:04

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.6	81.8	1	2.15		10

Laboratory Control Sample (LCS)

(LCS) R4299998-2 11/12/25 09:04

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) R4299945-1 11/12/25 07:39

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1916468-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-17 11/12/25 07:39 • (DUP) R4299945-3 11/12/25 07:39

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.0	95.7	1	0.250		10

Laboratory Control Sample (LCS)

(LCS) R4299945-2 11/12/25 07:39

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) R4299952-1 11/12/25 07:49

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00300			

L1916471-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1916471-01 11/12/25 07:49 • (DUP) R4299952-3 11/12/25 07:49

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	91.2	92.7	1	1.62		10

Laboratory Control Sample (LCS)

(LCS) R4299952-2 11/12/25 07:49

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) R4303096-1 11/17/25 10:52

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

L1916465-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1916465-04 11/17/25 11:55 • (DUP) R4303096-3 11/17/25 12:07

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

L1916466-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1916466-05 11/17/25 13:47 • (DUP) R4303096-4 11/17/25 14:00

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

L1916465-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1916465-04 11/18/25 15:17 • (DUP) R4303098-1 11/18/25 15:29

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

Laboratory Control Sample (LCS)

(LCS) R4303096-2 11/17/25 11:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	10.2	102	80.0-120	

L1916468-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916468-25 11/18/25 15:52 • (MS) R4303098-2 11/18/25 16:03 • (MSD) R4303098-3 11/18/25 16:14

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	20.5	ND	20.8	19.8	101	96.3	1	75.0-125			5.21	20

L1916468-25 Original Sample (OS) • Matrix Spike (MS)

(OS) L1916468-25 11/18/25 15:52 • (MS) R4303098-4 11/18/25 16:26

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	663	ND	746	112	50	75.0-125	

QUALITY CONTROL SUMMARY

L1916468-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R4304128-2 11/19/25 16:24

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

L1916468-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-10 11/18/25 12:20 • (DUP) R4304130-4 11/18/25 12:32

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

L1916468-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-11 11/19/25 17:41 • (DUP) R4304128-7 11/19/25 17:52

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) R4304130-2 11/18/25 09:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	9.93	99.3	80.0-120	

L1916468-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916468-05 11/19/25 16:46 • (MS) R4304128-3 11/19/25 16:57 • (MSD) R4304128-4 11/19/25 17:08

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	21.2	ND	19.3	19.7	91.0	93.2	1	75.0-125			2.42	20

L1916468-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1916468-05 11/19/25 16:46 • (MS) R4304128-5 11/19/25 17:19

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	675	ND	647	95.7	50	75.0-125	

QUALITY CONTROL SUMMARY

L1916468-21,22,23,24

Method Blank (MB)

(MB) R4302207-1 11/16/25 23:21

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

L1915977-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1915977-02 11/16/25 23:55 • (DUP) R4302207-3 11/17/25 00:06

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Hexavalent Chromium	0.263	0.315	1	18.1		20

L1916468-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-22 11/17/25 04:31 • (DUP) R4302207-8 11/17/25 04:42

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) R4302207-2 11/16/25 23:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexavalent Chromium	10.0	8.53	85.3	80.0-120	

L1915983-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1915983-11 11/17/25 01:45 • (MS) R4302207-4 11/17/25 01:56 • (MSD) R4302207-5 11/17/25 02:07

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	20.0	0.266	17.4	15.0	85.4	73.4	1	75.0-125		J6	14.7	20

L1915983-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1915983-11 11/17/25 01:45 • (MS) R4302207-6 11/17/25 02:18

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	634	0.266	645	102	50	75.0-125	

L1916468-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-01 11/13/25 12:00 • (DUP) R4300548-2 11/13/25 12:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.26	8.25	1	0.121		1

Sample Narrative:

OS: 8.26 at 19.7C

DUP: 8.25 at 19.9C

L1916520-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1916520-07 11/13/25 12:00 • (DUP) R4300548-3 11/13/25 12:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.87	7.87	1	0.000		1

Sample Narrative:

OS: 7.87 at 18.6C

DUP: 7.87 at 19C

Laboratory Control Sample (LCS)

(LCS) R4300548-1 11/13/25 12:00

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 18.9C

L1916468-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-15 11/13/25 18:50 • (DUP) R4300804-2 11/13/25 18:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.28	8.30	1	0.241		1

Sample Narrative:

OS: 8.28 at 19.3C

DUP: 8.3 at 19.4C

L1916522-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1916522-04 11/13/25 18:50 • (DUP) R4300804-3 11/13/25 18:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	6.17	6.19	1	0.324		1

Sample Narrative:

OS: 6.17 at 18.4C

DUP: 6.19 at 18.6C

Laboratory Control Sample (LCS)

(LCS) R4300804-1 11/13/25 18:50

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: 10.03 at 18.8C

Method Blank (MB)

(MB) R4301393-1 11/14/25 18:10

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

L1916468-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-02 11/14/25 18:10 • (DUP) R4301393-3 11/14/25 18:10

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	107	107	1	0.468		20

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

L1916520-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1916520-06 11/14/25 18:10 • (DUP) R4301393-4 11/14/25 18:10

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	243	238	1	2.08		20

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

Laboratory Control Sample (LCS)

(LCS) R4301393-2 11/14/25 18:10

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	581	565	97.2	90.0-110	

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4301448-1 11/15/25 08:36

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

L1916468-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1916468-16 11/15/25 08:36 • (DUP) R4301448-3 11/15/25 08:36

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	717	710	1	0.981		20

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

L1916522-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1916522-03 11/15/25 08:36 • (DUP) R4301448-4 11/15/25 08:36

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Specific Conductance	493	489	1	0.815		20

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

Laboratory Control Sample (LCS)

(LCS) R4301448-2 11/15/25 08:36

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

Sample Narrative:
LCS: at 25C

Method Blank (MB)

(MB) R4301409-1 11/14/25 15:23

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) R4301409-2 11/14/25 15:26 • (LCSD) R4301409-3 11/14/25 15:29

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	1.04	0.985	104	98.5	80.0-120			5.22	20

Method Blank (MB)

(MB) R4302306-1 11/15/25 16:09

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) R4302306-2 11/15/25 16:12 • (LCSD) R4302306-3 11/15/25 16:15

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	0.948	1.00	94.8	100	80.0-120			5.51	20

Method Blank (MB)

(MB) R4305826-1 11/25/25 00:13

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) R4305826-2 11/25/25 00:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	102	102	80.0-120	
Barium	100	99.7	99.7	80.0-120	
Cadmium	100	108	108	80.0-120	
Copper	100	105	105	80.0-120	
Lead	100	101	101	80.0-120	
Nickel	100	108	108	80.0-120	
Selenium	100	101	101	80.0-120	
Silver	20.0	22.3	112	80.0-120	
Zinc	100	103	103	80.0-120	

L1916468-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916468-07 11/25/25 00:19 • (MS) R4305826-5 11/25/25 00:28 • (MSD) R4305826-6 11/25/25 00:31

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	120	2.37	122	126	100	103	1	75.0-125			2.56	20
Barium	120	172	281	298	91.0	106	1	75.0-125			6.02	20
Cadmium	120	0.238	124	129	104	108	1	75.0-125			3.87	20
Copper	120	ND	128	132	107	110	1	75.0-125			2.83	20
Lead	120	ND	128	138	107	115	1	75.0-125			7.03	20
Nickel	120	ND	134	138	112	115	1	75.0-125			2.96	20
Selenium	120	0.870	119	127	99.0	105	1	75.0-125			5.96	20
Silver	23.9	ND	25.0	26.7	104	111	1	75.0-125			6.44	20

L1916468-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1916468-07 11/25/25 00:19 • (MS) R4305826-5 11/25/25 00:28 • (MSD) R4305826-6 11/25/25 00:31

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	120	ND	171	174	143	145	1	75.0-125	J5	J5	2.01	20

Method Blank (MB)

(MB) R4307149-8 11/27/25 13:54

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) R4307149-2 11/27/25 12:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	96.2	96.2	80.0-120	
Barium	100	94.5	94.5	80.0-120	
Cadmium	100	100	100	80.0-120	
Copper	100	101	101	80.0-120	
Lead	100	94.1	94.1	80.0-120	
Nickel	100	102	102	80.0-120	
Selenium	100	95.8	95.8	80.0-120	
Silver	20.0	19.2	96.0	80.0-120	
Zinc	100	97.9	97.9	80.0-120	

L1913717-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913717-08 11/27/25 12:22 • (MS) R4307149-5 11/27/25 12:31 • (MSD) R4307149-6 11/27/25 12:34

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	100	0.496	102	102	101	101	1	75.0-125			0.372	20
Barium	100	ND	107	102	102	97.2	1	75.0-125			4.80	20
Cadmium	100	ND	110	106	109	106	1	75.0-125			3.04	20
Copper	100	ND	112	108	107	102	1	75.0-125			3.76	20
Lead	100	ND	110	107	103	101	1	75.0-125			2.08	20
Nickel	100	ND	115	114	110	109	1	75.0-125			1.33	20
Selenium	100	ND	101	100	101	100	1	75.0-125			0.749	20
Silver	20.1	ND	21.4	20.6	107	103	1	75.0-125			3.63	20

L1913717-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1913717-08 11/27/25 12:22 • (MS) R4307149-5 11/27/25 12:31 • (MSD) R4307149-6 11/27/25 12:34

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	100	ND	120	118	104	103	1	75.0-125			1.56	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
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.

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.

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 / Jacob Evans

Email: **svogt@tasman-geo.com / Jevans@civiresources.com**

Project Name: State Peterson 22-20

Please Circle: PT MT CT ET

Phone: **610-405-9078**

Lab Project #:

AFE# or C/C: 250006

Collected by (print): Torren Clemens / Gabby Mather

Site/Facility ID #:

Billing Code: 8523.195

Collected by (signature): Torren Clemens

Immediately Packed on Ice N ____ Y ____

Rush? (Lab MUST Be Notified)
____Same Day ____Five Day
____Next Day ____5 Day (Rad Only)
____Two Day ____10 Day (Rad Only)
____Three Day

Quote #

Date Results Needed: STD

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

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 # L1168455

H022

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL AmbHCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 250mL-HDPE-NoPres	Remarks	Sample # (lab only)
FL-B2@3'	Grab	SS	3'	11/07/25	09:00	2		X					01
BG1@4'			4'		09:10								02
BG1@5'			5'		09:20								03
BG1@6'			6'		09:30								04
BG1@7'			7'		09:40								05
BG12@4'			4'		09:50								06
BG12@5'			5'		10:00								07
BG12@6'			6'		10:10								08
BG12@7'			7'		10:20								09
BG13@4'			4'		10:30								10

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

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

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	If preservation required by Login: Date/Time
Torren Clemens	11/07/25	14:30			
	11/07/25	1800	Slwp.	Temp: °C Bottles Received: 50	
			Received for lab by: (Signature)	Date: 11/8/25 Time: 830	Hold: / Condition: NCF / OK

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

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

Pres Chk

Project Manager:
Sam Vogt / Jacob Evans

Email: **svogt@tasman-geo.com / Jevans@civiresources.com**

Project Name: State Peterson 22-20

Please Circle: PT MT CT ET

Phone: **610-405-9078**

Lab Project #:

AFE# or C/C: 250066

Collected by (print): Torren Clemens / Gabby Mather

Site/Facility ID #:

Billing Code #: 8523.195

Collected by (signature): Torren Clemens

Immediately Packed on Ice N ____ Y ____

Rush? (Lab MUST be Notified)
____Same Day ____Five Day
____Next Day ____5 Day (Rad Only)
____Two Day ____10 Day (Rad Only)
____Three Day

Quote #

Date Results Needed: STD

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	# of Containers	Full TABLE915 8ozClr-NoPres	Background TABLE915 8ozClr-NoPres	V8260 (GW TABLE915) 40mL Amb-HCl	Chloride, Sulfate 125mL HDPE-NoPres	TDS 250mL-HDPE-NoPres	Remarks	Sample # (lab only)
BG13@5'	Grab	SS	5'	11/07/25	10:40	2		X					11
BG13@6'			6'		10:50								12
BG13@7'			7'		11:00								13
BG14@4'			4'		11:10								14
BG14@5'			5'		11:20								15
BG14@6'			6'		11:30								16
BG14@7'			7'		11:40								17
BG15@4'			4'		11:50								18
BG15@5'			5'		12:00								19
BG15@6'			6'		12:10								20

* 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)
Torren Clemens	11/07/25	14:30	
Relinquished by : (Signature)	Date: 11/07/25	Time: 1800	Received by: (Signature) SWA.
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 50

Date: 11/8/25 Time: 840

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 2 of 3

Pace
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SDG # L1641661

Table #

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

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 / Jacob Evans

Email: **svogt@tasman-geo.com / Jevans@civiresources.com**

Project Name: State Peterson 22-20

Please Circle: PT (MT) CT ET

Phone: **610-405-9078**

Lab Project #:

AFE# or C/C: 2500066

Collected by (print): Torren Clements, Gabby Mather

Site/Facility ID #:

Billing Code: 8523.195

Collected by (signature): Torren Clements

Immediately Packed on Ice N ____ Y ✓

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 250mL-HDPE-NoPres
BG15@7'	Grab	SS	7'	11/07/25	12:20	2		X			
BG16@4'			4'		12:30						
BG16@5'			5'		12:40						
BG16@6'			6'		12:50						
BG16@7'	↓	↓	7'	↓	13:00	↓		↓			

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

Pace
PEOPLE ADVANCING SCIENCE

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SDG # L1641668

Table #

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

Remarks	Sample # (lab only)
	1
	2
	3
	4
	5

* 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	
Torren Clements	11/07/25	14:30			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 5	If preservation required by Login: Date/Time
	11/07/25	1800	SWA		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/8/25 Time: 830	Hold: / Condition: NCF / OK
			AM		

Multiple Parcel Form L#_____

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
SW	EDA9	0.5	+0	=0.5	Yes / No / Not Present
		3.0	+0	=3.0	Yes / No / Not Present
		1.0	+0	=1.0	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

[signature] 11/6/25

Name Date