ANALYTICAL REPORT

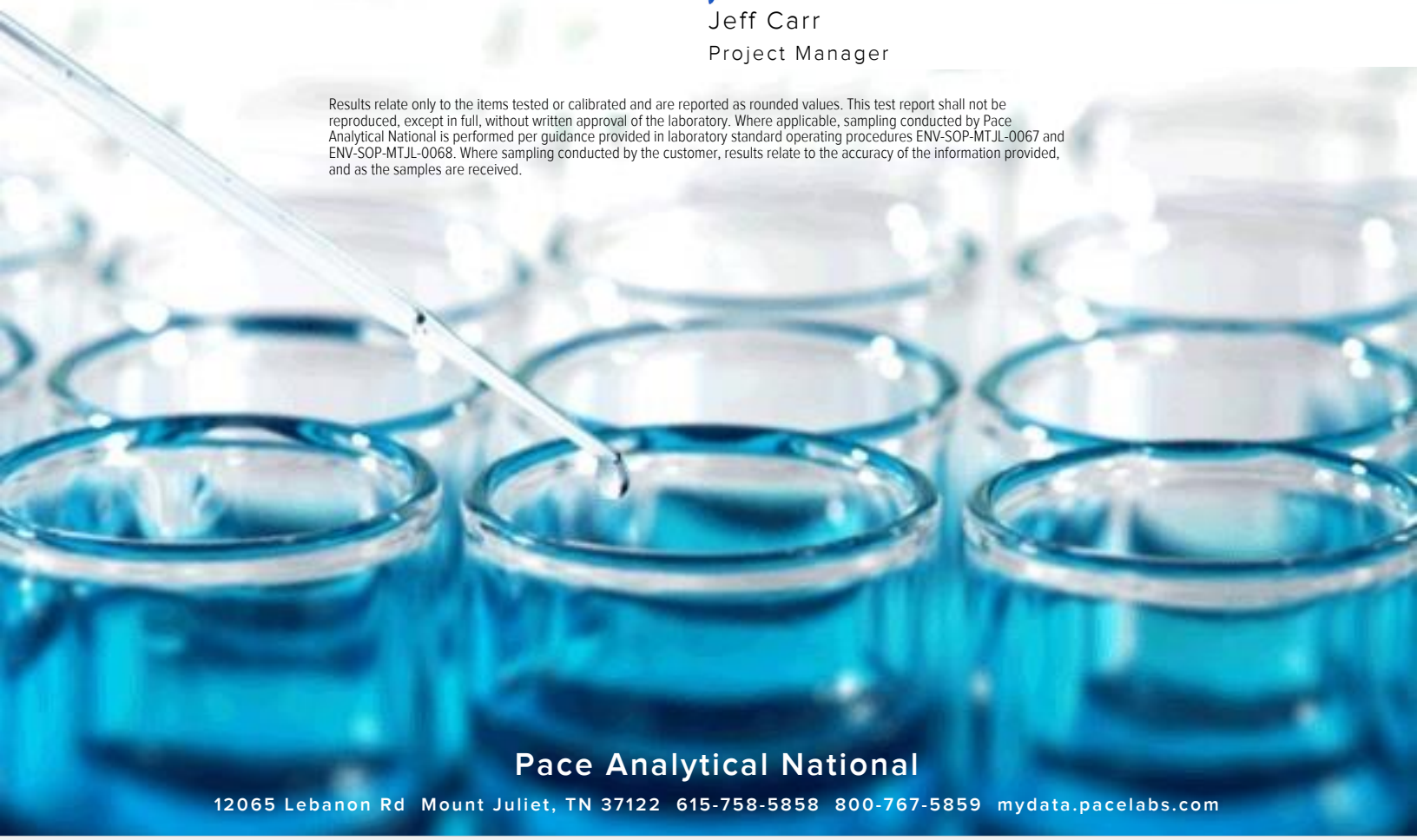
September 25, 2025

ERM - St. Louis, MO

Sample Delivery Group:	L1895667
Samples Received:	09/06/2025
Project Number:	0599247
Description:	Grand Tower Energy Center Groundwater 3Q25 Sampling
Report To:	Randy Homburg
	1968 Craig Road, Suite 100
	Saint Louis, MO 63146

Entire Report Reviewed By:

Jeff Carr
Project Manager



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

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APW-03-WG-20250903 L1895667-01

Collected by: Marshall Arendell | Collected date/time: 09/03/25 14:30 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2595642	1	09/06/25 22:27	09/08/25 14:01	BDC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595823	5	09/09/25 05:50	09/09/25 05:50	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596032	1	09/12/25 16:12	09/13/25 18:24	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2596881	1	09/11/25 09:35	09/11/25 17:47	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:13	09/11/25 20:40	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 18:54	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/22/25 22:47	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:13	TMT	Mt. Juliet, TN

APW-08-WG-20250905 L1895667-02

Collected by: Marshall Arendell | Collected date/time: 09/05/25 08:35 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595823	1	09/09/25 06:40	09/09/25 06:40	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596032	1	09/12/25 16:12	09/13/25 18:26	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2596881	1	09/11/25 09:35	09/11/25 17:49	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:13	09/11/25 20:42	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:01	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/22/25 23:00	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:16	TMT	Mt. Juliet, TN

APW-07-WG-20250904 L1895667-03

Collected by: Marshall Arendell | Collected date/time: 09/04/25 16:35 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595823	1	09/09/25 07:06	09/09/25 07:06	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596032	1	09/12/25 16:12	09/13/25 18:29	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2596881	1	09/11/25 09:35	09/11/25 17:52	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:13	09/11/25 20:44	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:03	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/22/25 23:03	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:20	TMT	Mt. Juliet, TN

APW-10S-WG-20250903 L1895667-04

Collected by: Marshall Arendell | Collected date/time: 09/03/25 16:45 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2595642	1	09/06/25 22:27	09/08/25 14:01	BDC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595823	1	09/09/25 07:31	09/09/25 07:31	AJC	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596032	1	09/12/25 16:12	09/13/25 18:31	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2596881	1	09/11/25 09:35	09/11/25 17:54	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:13	09/11/25 20:45	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:05	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/22/25 23:06	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:23	TMT	Mt. Juliet, TN

APW-10D-WG-20250903 L1895667-05

Collected by: Marshall Arendell | Collected date/time: 09/03/25 15:55 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2595642	1	09/06/25 22:27	09/08/25 14:01	BDC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/08/25 23:37	09/08/25 23:37	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596032	1	09/12/25 16:12	09/13/25 18:33	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2596881	1	09/11/25 09:35	09/11/25 17:57	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:13	09/11/25 20:47	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:07	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/22/25 23:09	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:26	TMT	Mt. Juliet, TN

APW-06S-WG-20250904 L1895667-06

Collected by: Marshall Arendell | Collected date/time: 09/04/25 10:55 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 00:29	09/09/25 00:29	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	5	09/09/25 00:47	09/09/25 00:47	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:29	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 14:53	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 20:49	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:12	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:10	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:29	TMT	Mt. Juliet, TN

APW-06D-WG-20250904 L1895667-07

Collected by: Marshall Arendell | Collected date/time: 09/04/25 09:55 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 01:04	09/09/25 01:04	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	5	09/09/25 01:21	09/09/25 01:21	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598465	1	09/11/25 23:00	09/11/25 23:00	KRB	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:31	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 14:55	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 20:51	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:14	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:13	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:32	TMT	Mt. Juliet, TN

APW-05R-WG-20250904 L1895667-08

Collected by: Marshall Arendell | Collected date/time: 09/04/25 12:30 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 01:39	09/09/25 01:39	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	5	09/09/25 01:56	09/09/25 01:56	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:33	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 14:58	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 20:52	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:15	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:16	UNP	Mt. Juliet, TN

APW-05R-WG-20250904 L1895667-08

Collected by: Marshall Arendell | Collected date/time: 09/04/25 12:30 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:36	TMT	Mt. Juliet, TN

APW-09-WG-20250605 L1895667-09

Collected by: Marshall Arendell | Collected date/time: 09/05/25 09:30 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596320	1	09/08/25 11:43	09/09/25 11:54	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 02:13	09/09/25 02:13	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:36	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:00	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 20:54	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:17	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:19	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:39	TMT	Mt. Juliet, TN

APW-02-WG-20250904 L1895667-10

Collected by: Marshall Arendell | Collected date/time: 09/04/25 13:30 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2599520	1	09/12/25 13:25	09/12/25 16:01	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 02:31	09/09/25 02:31	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	5	09/09/25 02:48	09/09/25 02:48	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:38	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:03	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 20:56	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:19	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:22	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	10	09/10/25 11:15	09/24/25 16:42	TMT	Mt. Juliet, TN

APW-01R-WG-20250904 L1895667-11

Collected by: Marshall Arendell | Collected date/time: 09/04/25 15:25 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2596935	1	09/09/25 11:49	09/09/25 18:50	KCB	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 03:40	09/09/25 03:40	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:41	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:05	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 21:01	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:21	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:26	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:52	TMT	Mt. Juliet, TN

APW-04-WG-20250904 L1895667-12

Collected by: Marshall Arendell | Collected date/time: 09/04/25 08:10 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2599520	1	09/12/25 13:25	09/12/25 16:01	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 03:58	09/09/25 03:58	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN

APW-04-WG-20250904 L1895667-12

Collected by: Marshall Arendell | Collected date/time: 09/04/25 08:10 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:43	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:13	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 21:03	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:22	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:29	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:55	TMT	Mt. Juliet, TN

EB-01-WG-20250903 L1895667-13

Collected by: Marshall Arendell | Collected date/time: 09/03/25 10:00 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2595642	1	09/06/25 22:27	09/08/25 14:01	BDC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 04:15	09/09/25 04:15	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:46	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:24	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 16:58	TMT	Mt. Juliet, TN

DUP-01-WG-20250904 L1895667-14

Collected by: Marshall Arendell | Collected date/time: 09/04/25 00:01 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2599520	1	09/12/25 13:25	09/12/25 16:01	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 04:32	09/09/25 04:32	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	5	09/09/25 19:36	09/09/25 19:36	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 15:48	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:15	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 21:04	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:26	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:32	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 17:02	TMT	Mt. Juliet, TN

DUP-02-WG-20250905 L1895667-15

Collected by: Marshall Arendell | Collected date/time: 09/05/25 00:02 | Received date/time: 09/06/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2599520	1	09/12/25 13:25	09/12/25 16:01	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2595826	1	09/09/25 04:50	09/09/25 04:50	ZSA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2598478	1	09/12/25 14:40	09/12/25 14:40	RJP	Mt. Juliet, TN
Mercury by Method 7470A	WG2596878	1	09/11/25 09:40	09/11/25 14:56	SDG	Mt. Juliet, TN
Mercury by Method 7470A	WG2597351	1	09/11/25 15:51	09/12/25 15:18	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597476	1	09/11/25 11:12	09/11/25 21:06	BAG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2597498	1	09/10/25 11:03	09/10/25 19:28	MAP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597487	1	09/10/25 14:09	09/23/25 14:35	UNP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2597639	1	09/10/25 11:15	09/24/25 17:05	TMT	Mt. Juliet, TN

CASE NARRATIVE

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

Jeff Carr
Project Manager

Sample Delivery Group (SDG) Narrative

Analysis was filtered in the laboratory.

Lab Sample ID	Project Sample ID	Method
L1895667-01	APW-03-WG-20250903	6020B, 6010D, 7470A
L1895667-02	APW-08-WG-20250905	6020B, 6010D, 7470A
L1895667-03	APW-07-WG-20250904	6010D, 6020B, 7470A
L1895667-04	APW-10S-WG-20250903	6020B, 6010D, 7470A
L1895667-05	APW-10D-WG-20250903	6010D, 6020B, 7470A
L1895667-06	APW-06S-WG-20250904	7470A, 6020B, 6010D
L1895667-07	APW-06D-WG-20250904	6020B, 6010D, 7470A
L1895667-08	APW-05R-WG-20250904	6010D, 6020B, 7470A
L1895667-09	APW-09-WG-20250605	6020B, 6010D, 7470A
L1895667-10	APW-02-WG-20250904	6020B, 6010D, 7470A
L1895667-11	APW-01R-WG-20250904	6020B, 6010D, 7470A
L1895667-12	APW-04-WG-20250904	6010D, 7470A, 6020B
L1895667-14	DUP-01-WG-20250904	7470A, 6010D, 6020B
L1895667-15	DUP-02-WG-20250905	6010D, 7470A, 6020B
R4272290-3		6010D
R4277020-3		6020B

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	540		10.0	1	09/08/2025 14:01	WG2595642

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.03		5.00	5	09/09/2025 05:50	WG2595823
Fluoride	ND		0.750	5	09/09/2025 05:50	WG2595823
Sulfate	251		25.0	5	09/09/2025 05:50	WG2595823

Sample Narrative:

L1895667-01 WG2595823: Dilution due to matrix impact on instrumentation at lower dilution

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	8.03	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:

L1895667-01 WG2598465: 8.03 at 20.4C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/13/2025 18:24	WG2596032
Mercury,Dissolved	ND		0.000200	1	09/11/2025 17:47	WG2596881

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	4.36		0.200	1	09/10/2025 18:54	WG2597498
Boron,Dissolved	4.19		0.200	1	09/11/2025 20:40	WG2597476
Calcium	111		1.00	1	09/10/2025 18:54	WG2597498
Calcium,Dissolved	107		1.00	1	09/11/2025 20:40	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:13	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/22/2025 22:47	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:13	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487
Barium	0.116		0.00200	1	09/24/2025 16:13	WG2597639
Barium,Dissolved	0.0998		0.00200	1	09/22/2025 22:47	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:13	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:13	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/22/2025 22:47	WG2597487
Chromium	0.00203		0.00200	1	09/24/2025 16:13	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:13	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:13	WG2597639
Lead,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Lithium	0.0300		0.00200	1	09/24/2025 16:13	WG2597639
Lithium,Dissolved	0.0294		0.00200	1	09/22/2025 22:47	WG2597487
Molybdenum	0.0628		0.00500	1	09/24/2025 16:13	WG2597639
Molybdenum,Dissolved	0.0596		0.00500	1	09/22/2025 22:47	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:13	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:13	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/22/2025 22:47	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	426		10.0	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	8.39		1.00	1	09/09/2025 06:40	WG2595823
Fluoride	0.253		0.150	1	09/09/2025 06:40	WG2595823
Sulfate	27.7		5.00	1	09/09/2025 06:40	WG2595823

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.36	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:
L1895667-02 WG2598465: 7.36 at 20.4C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/13/2025 18:26	WG2596032
Mercury,Dissolved	ND		0.000200	1	09/11/2025 17:49	WG2596881

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	ND		0.200	1	09/10/2025 19:01	WG2597498
Boron,Dissolved	ND		0.200	1	09/11/2025 20:42	WG2597476
Calcium	102		1.00	1	09/10/2025 19:01	WG2597498
Calcium,Dissolved	100		1.00	1	09/11/2025 20:42	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:16	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/22/2025 23:00	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:16	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487
Barium	0.200		0.00200	1	09/24/2025 16:16	WG2597639
Barium,Dissolved	0.185		0.00200	1	09/22/2025 23:00	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:16	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:16	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/22/2025 23:00	WG2597487
Chromium	ND		0.00200	1	09/24/2025 16:16	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:16	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:16	WG2597639
Lead,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487
Lithium	0.0180		0.00200	1	09/24/2025 16:16	WG2597639
Lithium,Dissolved	0.0170		0.00200	1	09/22/2025 23:00	WG2597487
Molybdenum	ND		0.00500	1	09/24/2025 16:16	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	ND		0.00500	1	09/22/2025 23:00	WG2597487
Selenium	0.0166		0.00200	1	09/24/2025 16:16	WG2597639
Selenium,Dissolved	0.0169		0.00200	1	09/22/2025 23:00	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:16	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/22/2025 23:00	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	729		13.3	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	8.97		1.00	1	09/09/2025 07:06	WG2595823
Fluoride	0.174		0.150	1	09/09/2025 07:06	WG2595823
Sulfate	37.4		5.00	1	09/09/2025 07:06	WG2595823

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.08	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:
L1895667-03 WG2598465: 7.08 at 20.5C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/13/2025 18:29	WG2596032
Mercury,Dissolved	ND		0.000200	1	09/11/2025 17:52	WG2596881

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	0.215		0.200	1	09/10/2025 19:03	WG2597498
Boron,Dissolved	0.204		0.200	1	09/11/2025 20:44	WG2597476
Calcium	212		1.00	1	09/10/2025 19:03	WG2597498
Calcium,Dissolved	201		1.00	1	09/11/2025 20:44	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:20	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/22/2025 23:03	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:20	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Barium	0.337		0.00200	1	09/24/2025 16:20	WG2597639
Barium,Dissolved	0.256		0.00200	1	09/22/2025 23:03	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:20	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:20	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/22/2025 23:03	WG2597487
Chromium	ND		0.00200	1	09/24/2025 16:20	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:20	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:20	WG2597639
Lead,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Lithium	0.0154		0.00200	1	09/24/2025 16:20	WG2597639
Lithium,Dissolved	0.0139		0.00200	1	09/22/2025 23:03	WG2597487
Molybdenum	ND		0.00500	1	09/24/2025 16:20	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	ND		0.00500	1	09/22/2025 23:03	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:20	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:20	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/22/2025 23:03	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	780		20.0	1	09/08/2025 14:01	WG2595642

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	10.4		1.00	1	09/09/2025 07:31	WG2595823
Fluoride	0.265		0.150	1	09/09/2025 07:31	WG2595823
Sulfate	ND		5.00	1	09/09/2025 07:31	WG2595823

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.29	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:
L1895667-04 WG2598465: 7.29 at 20.4C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/13/2025 18:31	WG2596032
Mercury,Dissolved	ND		0.000200	1	09/11/2025 17:54	WG2596881

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	0.574		0.200	1	09/10/2025 19:05	WG2597498
Boron,Dissolved	0.553		0.200	1	09/11/2025 20:45	WG2597476
Calcium	164		1.00	1	09/10/2025 19:05	WG2597498
Calcium,Dissolved	157		1.00	1	09/11/2025 20:45	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:23	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/22/2025 23:06	WG2597487
Arsenic	0.192		0.00200	1	09/24/2025 16:23	WG2597639
Arsenic,Dissolved	0.0694		0.00200	1	09/22/2025 23:06	WG2597487
Barium	0.601		0.00200	1	09/24/2025 16:23	WG2597639
Barium,Dissolved	0.323		0.00200	1	09/22/2025 23:06	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:23	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:23	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/22/2025 23:06	WG2597487
Chromium	ND		0.00200	1	09/24/2025 16:23	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:23	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:23	WG2597639
Lead,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487
Lithium	0.0297		0.00200	1	09/24/2025 16:23	WG2597639
Lithium,Dissolved	0.0259		0.00200	1	09/22/2025 23:06	WG2597487
Molybdenum	ND		0.00500	1	09/24/2025 16:23	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	ND		0.00500	1	09/22/2025 23:06	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:23	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:23	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/22/2025 23:06	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	452		10.0	1	09/08/2025 14:01	WG2595642

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.8		1.00	1	09/08/2025 23:37	WG2595826
Fluoride	0.150	P1	0.150	1	09/08/2025 23:37	WG2595826
Sulfate	29.1		5.00	1	09/08/2025 23:37	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.57	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:

L1895667-05 WG2598465: 7.57 at 20.4C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/13/2025 18:33	WG2596032
Mercury,Dissolved	ND		0.000200	1	09/11/2025 17:57	WG2596881

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	ND		0.200	1	09/10/2025 19:07	WG2597498
Boron,Dissolved	ND		0.200	1	09/11/2025 20:47	WG2597476
Calcium	123		1.00	1	09/10/2025 19:07	WG2597498
Calcium,Dissolved	118		1.00	1	09/11/2025 20:47	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:26	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/22/2025 23:09	WG2597487
Arsenic	0.00492		0.00200	1	09/24/2025 16:26	WG2597639
Arsenic,Dissolved	0.00355		0.00200	1	09/22/2025 23:09	WG2597487
Barium	0.315		0.00200	1	09/24/2025 16:26	WG2597639
Barium,Dissolved	0.287		0.00200	1	09/22/2025 23:09	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:26	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/22/2025 23:09	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:26	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/22/2025 23:09	WG2597487
Chromium	ND		0.00200	1	09/24/2025 16:26	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/22/2025 23:09	WG2597487
Cobalt	0.00280		0.00200	1	09/24/2025 16:26	WG2597639
Cobalt,Dissolved	0.00263		0.00200	1	09/22/2025 23:09	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:26	WG2597639
Lead,Dissolved	ND		0.00200	1	09/22/2025 23:09	WG2597487
Lithium	0.0142		0.00200	1	09/24/2025 16:26	WG2597639
Lithium,Dissolved	0.0126		0.00200	1	09/22/2025 23:09	WG2597487
Molybdenum	ND		0.00500	1	09/24/2025 16:26	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	ND		0.00500	1	09/22/2025 23:09	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:26	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/22/2025 23:09	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:26	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/22/2025 23:09	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	481		10.0	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	36.1		1.00	1	09/09/2025 00:29	WG2595826
Fluoride	0.223		0.150	1	09/09/2025 00:29	WG2595826
Sulfate	92.6		25.0	5	09/09/2025 00:47	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.65	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:

L1895667-06 WG2598465: 7.65 at 20.9C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:29	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 14:53	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	3.78		0.200	1	09/10/2025 19:12	WG2597498
Boron,Dissolved	3.56		0.200	1	09/11/2025 20:49	WG2597476
Calcium	101		1.00	1	09/10/2025 19:12	WG2597498
Calcium,Dissolved	96.0		1.00	1	09/11/2025 20:49	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:29	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:10	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:29	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Barium	0.197		0.00200	1	09/24/2025 16:29	WG2597639
Barium,Dissolved	0.138		0.00200	1	09/23/2025 14:10	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:29	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:29	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:10	WG2597487
Chromium	0.0326		0.00200	1	09/24/2025 16:29	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:29	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:29	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Lithium	0.0311		0.00200	1	09/24/2025 16:29	WG2597639
Lithium,Dissolved	0.0278		0.00200	1	09/23/2025 14:10	WG2597487
Molybdenum	0.203		0.00500	1	09/24/2025 16:29	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.199		0.00500	1	09/23/2025 14:10	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:29	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:29	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:10	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	712		13.3	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	17.3		1.00	1	09/09/2025 01:04	WG2595826
Fluoride	0.202		0.150	1	09/09/2025 01:04	WG2595826
Sulfate	201		25.0	5	09/09/2025 01:21	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.55	T8	1	09/11/2025 23:00	WG2598465

Sample Narrative:
L1895667-07 WG2598465: 7.55 at 20.5C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:31	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 14:55	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	3.63		0.200	1	09/10/2025 19:14	WG2597498
Boron,Dissolved	3.60		0.200	1	09/11/2025 20:51	WG2597476
Calcium	121		1.00	1	09/10/2025 19:14	WG2597498
Calcium,Dissolved	118		1.00	1	09/11/2025 20:51	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:32	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:13	WG2597487
Arsenic	0.0107		0.00200	1	09/24/2025 16:32	WG2597639
Arsenic,Dissolved	0.00467		0.00200	1	09/23/2025 14:13	WG2597487
Barium	0.123		0.00200	1	09/24/2025 16:32	WG2597639
Barium,Dissolved	0.115		0.00200	1	09/23/2025 14:13	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:32	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:32	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:13	WG2597487
Chromium	0.0945		0.00200	1	09/24/2025 16:32	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487
Cobalt	0.00223		0.00200	1	09/24/2025 16:32	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:32	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487
Lithium	0.0167		0.00200	1	09/24/2025 16:32	WG2597639
Lithium,Dissolved	0.0151		0.00200	1	09/23/2025 14:13	WG2597487
Molybdenum	0.0658		0.00500	1	09/24/2025 16:32	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.0598		0.00500	1	09/23/2025 14:13	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:32	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:32	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:13	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	485		10.0	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.2		1.00	1	09/09/2025 01:39	WG2595826
Fluoride	0.257		0.150	1	09/09/2025 01:39	WG2595826
Sulfate	97.9		25.0	5	09/09/2025 01:56	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.56	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:

L1895667-08 WG2598478: 7.56 at 23C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:33	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 14:58	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	4.18		0.200	1	09/10/2025 19:15	WG2597498
Boron,Dissolved	4.02		0.200	1	09/11/2025 20:52	WG2597476
Calcium	102		1.00	1	09/10/2025 19:15	WG2597498
Calcium,Dissolved	98.1		1.00	1	09/11/2025 20:52	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:36	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:16	WG2597487
Arsenic	0.00216		0.00200	1	09/24/2025 16:36	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Barium	0.139		0.00200	1	09/24/2025 16:36	WG2597639
Barium,Dissolved	0.105		0.00200	1	09/23/2025 14:16	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:36	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:36	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:16	WG2597487
Chromium	ND		0.00200	1	09/24/2025 16:36	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:36	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:36	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Lithium	0.0262		0.00200	1	09/24/2025 16:36	WG2597639
Lithium,Dissolved	0.0237		0.00200	1	09/23/2025 14:16	WG2597487
Molybdenum	0.130		0.00500	1	09/24/2025 16:36	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.134		0.00500	1	09/23/2025 14:16	WG2597487
Selenium	ND		0.00200	1	09/24/2025 16:36	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:36	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:16	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	374		10.0	1	09/09/2025 11:54	WG2596320

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	9.87		1.00	1	09/09/2025 02:13	WG2595826
Fluoride	0.211		0.150	1	09/09/2025 02:13	WG2595826
Sulfate	44.0		5.00	1	09/09/2025 02:13	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.73	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:
L1895667-09 WG2598478: 7.73 at 22.8C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:36	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:00	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	0.523		0.200	1	09/10/2025 19:17	WG2597498
Boron,Dissolved	0.504		0.200	1	09/11/2025 20:54	WG2597476
Calcium	89.0		1.00	1	09/10/2025 19:17	WG2597498
Calcium,Dissolved	86.6		1.00	1	09/11/2025 20:54	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:39	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:19	WG2597487
Arsenic	0.00225		0.00200	1	09/24/2025 16:39	WG2597639
Arsenic,Dissolved	0.00213		0.00200	1	09/23/2025 14:19	WG2597487
Barium	0.108		0.00200	1	09/24/2025 16:39	WG2597639
Barium,Dissolved	0.106		0.00200	1	09/23/2025 14:19	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:39	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:19	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:39	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:19	WG2597487
Chromium	0.00268		0.00200	1	09/24/2025 16:39	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:19	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:39	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:19	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:39	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:19	WG2597487
Lithium	0.0166		0.00200	1	09/24/2025 16:39	WG2597639
Lithium,Dissolved	0.0147		0.00200	1	09/23/2025 14:19	WG2597487
Molybdenum	0.0252		0.00500	1	09/24/2025 16:39	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.0252		0.00500	1	09/23/2025 14:19	WG2597487
Selenium	0.0164		0.00200	1	09/24/2025 16:39	WG2597639
Selenium,Dissolved	0.0170		0.00200	1	09/23/2025 14:19	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:39	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:19	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	799		13.3	1	09/12/2025 16:01	WG2599520

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	8.16		1.00	1	09/09/2025 02:31	WG2595826
Fluoride	0.218		0.150	1	09/09/2025 02:31	WG2595826
Sulfate	402		25.0	5	09/09/2025 02:48	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.26	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:

L1895667-10 WG2598478: 7.26 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:38	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:03	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	9.90		0.200	1	09/10/2025 19:19	WG2597498
Boron,Dissolved	9.56		0.200	1	09/11/2025 20:56	WG2597476
Calcium	151		1.00	1	09/10/2025 19:19	WG2597498
Calcium,Dissolved	145		1.00	1	09/11/2025 20:56	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.0400	10	09/24/2025 16:42	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:22	WG2597487
Arsenic	ND		0.0200	10	09/24/2025 16:42	WG2597639
Arsenic,Dissolved	0.00382		0.00200	1	09/23/2025 14:22	WG2597487
Barium	0.162		0.0200	10	09/24/2025 16:42	WG2597639
Barium,Dissolved	0.127		0.00200	1	09/23/2025 14:22	WG2597487
Beryllium	ND		0.0200	10	09/24/2025 16:42	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487
Cadmium	ND		0.0100	10	09/24/2025 16:42	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:22	WG2597487
Chromium	ND		0.0200	10	09/24/2025 16:42	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487
Cobalt	ND		0.0200	10	09/24/2025 16:42	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487
Lead	ND		0.0200	10	09/24/2025 16:42	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487
Lithium	0.0438		0.0200	10	09/24/2025 16:42	WG2597639
Lithium,Dissolved	0.0375		0.00200	1	09/23/2025 14:22	WG2597487
Molybdenum	0.197		0.0500	10	09/24/2025 16:42	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.201		0.00500	1	09/23/2025 14:22	WG2597487
Selenium	ND		0.0200	10	09/24/2025 16:42	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487
Thallium	ND		0.0200	10	09/24/2025 16:42	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:22	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	324		10.0	1	09/09/2025 18:50	WG2596935

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1.10		1.00	1	09/09/2025 03:40	WG2595826
Fluoride	0.155		0.150	1	09/09/2025 03:40	WG2595826
Sulfate	23.3		5.00	1	09/09/2025 03:40	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	6.79	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:
L1895667-11 WG2598478: 6.79 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:41	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:05	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	ND		0.200	1	09/10/2025 19:21	WG2597498
Boron,Dissolved	ND		0.200	1	09/11/2025 21:01	WG2597476
Calcium	72.2		1.00	1	09/10/2025 19:21	WG2597498
Calcium,Dissolved	71.2		1.00	1	09/11/2025 21:01	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:52	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:26	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:52	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487
Barium	0.148		0.00200	1	09/24/2025 16:52	WG2597639
Barium,Dissolved	0.135		0.00200	1	09/23/2025 14:26	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:52	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:52	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:26	WG2597487
Chromium	0.00270		0.00200	1	09/24/2025 16:52	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:52	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:52	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487
Lithium	0.0136		0.00200	1	09/24/2025 16:52	WG2597639
Lithium,Dissolved	0.0114		0.00200	1	09/23/2025 14:26	WG2597487
Molybdenum	ND		0.00500	1	09/24/2025 16:52	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	ND		0.00500	1	09/23/2025 14:26	WG2597487
Selenium	0.00293		0.00200	1	09/24/2025 16:52	WG2597639
Selenium,Dissolved	0.00309		0.00200	1	09/23/2025 14:26	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:52	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:26	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	436		10.0	1	09/12/2025 16:01	WG2599520

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	9.92		1.00	1	09/09/2025 03:58	WG2595826
Fluoride	0.163		0.150	1	09/09/2025 03:58	WG2595826
Sulfate	69.1		5.00	1	09/09/2025 03:58	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.55	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:
L1895667-12 WG2598478: 7.55 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:43	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:13	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	1.21		0.200	1	09/10/2025 19:22	WG2597498
Boron,Dissolved	1.16		0.200	1	09/11/2025 21:03	WG2597476
Calcium	102		1.00	1	09/10/2025 19:22	WG2597498
Calcium,Dissolved	97.7		1.00	1	09/11/2025 21:03	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:55	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:29	WG2597487
Arsenic	ND		0.00200	1	09/24/2025 16:55	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487
Barium	0.131		0.00200	1	09/24/2025 16:55	WG2597639
Barium,Dissolved	0.128		0.00200	1	09/23/2025 14:29	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 16:55	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 16:55	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:29	WG2597487
Chromium	0.00293		0.00200	1	09/24/2025 16:55	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 16:55	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487
Lead	ND		0.00200	1	09/24/2025 16:55	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487
Lithium	0.0297		0.00200	1	09/24/2025 16:55	WG2597639
Lithium,Dissolved	0.0253		0.00200	1	09/23/2025 14:29	WG2597487
Molybdenum	0.0538		0.00500	1	09/24/2025 16:55	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.0549		0.00500	1	09/23/2025 14:29	WG2597487
Selenium	0.0179		0.00200	1	09/24/2025 16:55	WG2597639
Selenium,Dissolved	0.0173		0.00200	1	09/23/2025 14:29	WG2597487
Thallium	ND		0.00200	1	09/24/2025 16:55	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:29	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	ND		10.0	1	09/08/2025 14:01	WG2595642

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	ND		1.00	1	09/09/2025 04:15	WG2595826
Fluoride	ND		0.150	1	09/09/2025 04:15	WG2595826
Sulfate	ND		5.00	1	09/09/2025 04:15	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	5.58	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:

L1895667-13 WG2598478: 5.58 at 22.8C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:46	WG2596878

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	ND		0.200	1	09/10/2025 19:24	WG2597498
Calcium	ND		1.00	1	09/10/2025 19:24	WG2597498

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 16:58	WG2597639
Arsenic	ND		0.00200	1	09/24/2025 16:58	WG2597639
Barium	ND		0.00200	1	09/24/2025 16:58	WG2597639
Beryllium	ND		0.00200	1	09/24/2025 16:58	WG2597639
Cadmium	ND		0.00100	1	09/24/2025 16:58	WG2597639
Chromium	ND		0.00200	1	09/24/2025 16:58	WG2597639
Cobalt	ND		0.00200	1	09/24/2025 16:58	WG2597639
Lead	ND		0.00200	1	09/24/2025 16:58	WG2597639
Lithium	ND		0.00200	1	09/24/2025 16:58	WG2597639
Molybdenum	ND		0.00500	1	09/24/2025 16:58	WG2597639
Selenium	ND		0.00200	1	09/24/2025 16:58	WG2597639
Thallium	ND		0.00200	1	09/24/2025 16:58	WG2597639

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	479		10.0	1	09/12/2025 16:01	WG2599520

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	24.1		1.00	1	09/09/2025 04:32	WG2595826
Fluoride	0.301		0.150	1	09/09/2025 04:32	WG2595826
Sulfate	116		25.0	5	09/09/2025 19:36	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.53	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:

L1895667-14 WG2598478: 7.53 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 15:48	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:15	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	4.20		0.200	1	09/10/2025 19:26	WG2597498
Boron,Dissolved	4.00		0.200	1	09/11/2025 21:04	WG2597476
Calcium	102		1.00	1	09/10/2025 19:26	WG2597498
Calcium,Dissolved	97.4		1.00	1	09/11/2025 21:04	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 17:02	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:32	WG2597487
Arsenic	0.00218		0.00200	1	09/24/2025 17:02	WG2597639
Arsenic,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Barium	0.141		0.00200	1	09/24/2025 17:02	WG2597639
Barium,Dissolved	0.101		0.00200	1	09/23/2025 14:32	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 17:02	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 17:02	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:32	WG2597487
Chromium	0.00298		0.00200	1	09/24/2025 17:02	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 17:02	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Lead	ND		0.00200	1	09/24/2025 17:02	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Lithium	0.0269		0.00200	1	09/24/2025 17:02	WG2597639
Lithium,Dissolved	0.0229		0.00200	1	09/23/2025 14:32	WG2597487
Molybdenum	0.132		0.00500	1	09/24/2025 17:02	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.132		0.00500	1	09/23/2025 14:32	WG2597487
Selenium	ND		0.00200	1	09/24/2025 17:02	WG2597639
Selenium,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487
Thallium	ND		0.00200	1	09/24/2025 17:02	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:32	WG2597487

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	375		10.0	1	09/12/2025 16:01	WG2599520

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	9.54		1.00	1	09/09/2025 04:50	WG2595826
Fluoride	0.201		0.150	1	09/09/2025 04:50	WG2595826
Sulfate	43.3		5.00	1	09/09/2025 04:50	WG2595826

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	7.67	T8	1	09/12/2025 14:40	WG2598478

Sample Narrative:

L1895667-15 WG2598478: 7.67 at 22.7C

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	09/11/2025 14:56	WG2596878
Mercury,Dissolved	ND		0.000200	1	09/12/2025 15:18	WG2597351

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Boron	0.530		0.200	1	09/10/2025 19:28	WG2597498
Boron,Dissolved	0.505		0.200	1	09/11/2025 21:06	WG2597476
Calcium	88.5		1.00	1	09/10/2025 19:28	WG2597498
Calcium,Dissolved	86.3		1.00	1	09/11/2025 21:06	WG2597476

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	ND		0.00400	1	09/24/2025 17:05	WG2597639
Antimony,Dissolved	ND		0.00400	1	09/23/2025 14:35	WG2597487
Arsenic	0.00203		0.00200	1	09/24/2025 17:05	WG2597639
Arsenic,Dissolved	0.00209		0.00200	1	09/23/2025 14:35	WG2597487
Barium	0.107		0.00200	1	09/24/2025 17:05	WG2597639
Barium,Dissolved	0.106		0.00200	1	09/23/2025 14:35	WG2597487
Beryllium	ND		0.00200	1	09/24/2025 17:05	WG2597639
Beryllium,Dissolved	ND		0.00200	1	09/23/2025 14:35	WG2597487
Cadmium	ND		0.00100	1	09/24/2025 17:05	WG2597639
Cadmium,Dissolved	ND		0.00100	1	09/23/2025 14:35	WG2597487
Chromium	ND		0.00200	1	09/24/2025 17:05	WG2597639
Chromium,Dissolved	ND		0.00200	1	09/23/2025 14:35	WG2597487
Cobalt	ND		0.00200	1	09/24/2025 17:05	WG2597639
Cobalt,Dissolved	ND		0.00200	1	09/23/2025 14:35	WG2597487
Lead	ND		0.00200	1	09/24/2025 17:05	WG2597639
Lead,Dissolved	ND		0.00200	1	09/23/2025 14:35	WG2597487
Lithium	0.0159		0.00200	1	09/24/2025 17:05	WG2597639
Lithium,Dissolved	0.0141		0.00200	1	09/23/2025 14:35	WG2597487
Molybdenum	0.0238		0.00500	1	09/24/2025 17:05	WG2597639

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Molybdenum,Dissolved	0.0250		0.00500	1	09/23/2025 14:35	WG2597487
Selenium	0.0160		0.00200	1	09/24/2025 17:05	WG2597639
Selenium,Dissolved	0.0173		0.00200	1	09/23/2025 14:35	WG2597487
Thallium	ND		0.00200	1	09/24/2025 17:05	WG2597639
Thallium,Dissolved	ND		0.00200	1	09/23/2025 14:35	WG2597487

Method Blank (MB)

(MB) R4271613-1 09/08/25 14:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1895170-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1895170-01 09/08/25 14:01 • (DUP) R4271613-3 09/08/25 14:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	121	121	1	0.000		10

L1895667-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1895667-13 09/08/25 14:01 • (DUP) R4271613-4 09/08/25 14:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4271613-2 09/08/25 14:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8500	96.6	90.0-110	

Method Blank (MB)

(MB) R4272469-1 09/09/25 11:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1895647-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1895647-08 09/09/25 11:54 • (DUP) R4272469-3 09/09/25 11:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1090	1060	1	2.60		10

L1895695-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1895695-08 09/09/25 11:54 • (DUP) R4272469-4 09/09/25 11:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	59.0	58.0	1	1.71		10

Laboratory Control Sample (LCS)

(LCS) R4272469-2 09/09/25 11:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8570	97.4	90.0-110	

Method Blank (MB)

(MB) R4271943-1 09/09/25 18:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1895667-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1895667-11 09/09/25 18:50 • (DUP) R4271943-3 09/09/25 18:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	324	324	1	0.000		10

L1895882-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1895882-19 09/09/25 18:50 • (DUP) R4271943-4 09/09/25 18:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	863	848	1	1.72		10

Laboratory Control Sample (LCS)

(LCS) R4271943-2 09/09/25 18:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8330	94.7	90.0-110	

Method Blank (MB)

(MB) R4273884-1 09/12/25 16:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1895658-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1895658-03 09/12/25 16:01 • (DUP) R4273884-3 09/12/25 16:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	396	401	1	1.25		10

L1895668-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1895668-06 09/12/25 16:01 • (DUP) R4273884-4 09/12/25 16:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	33100	32600	1	1.52		10

Laboratory Control Sample (LCS)

(LCS) R4273884-2 09/12/25 16:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8740	99.3	90.0-110	

Method Blank (MB)

(MB) R4270602-1 09/08/25 21:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Sulfate	U		0.637	5.00

L1895467-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1895467-02 09/08/25 21:27 • (DUP) R4270602-3 09/08/25 21:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	7.03	7.26	1	3.16		15
Fluoride	0.218	0.204	1	6.92		15
Sulfate	52.1	54.0	1	3.46		15

L1895467-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1895467-03 09/08/25 22:43 • (DUP) R4270602-7 09/08/25 23:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	4.55	4.43	1	2.66		15
Fluoride	ND	ND	1	3.82		15
Sulfate	40.9	40.3	1	1.33		15

Laboratory Control Sample (LCS)

(LCS) R4270602-2 09/08/25 21:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.7	96.7	80.0-120	
Fluoride	8.00	7.90	98.7	80.0-120	
Sulfate	40.0	40.0	100	80.0-120	

L1895467-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895467-02 09/08/25 21:27 • (MS) R4270602-5 09/08/25 22:18 • (MSD) R4270602-6 09/08/25 22:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	7.03	44.4	42.8	93.3	89.4	1	80.0-120			3.60	15
Fluoride	8.00	0.218	8.19	7.92	99.7	96.3	1	80.0-120			3.38	15
Sulfate	40.0	52.1	82.5	79.2	75.9	67.7	1	80.0-120	J6	J6	4.09	15

L1895467-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1895467-03 09/08/25 22:43 • (MS) R4270602-9 09/08/25 23:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	4.55	41.4	92.1	1	80.0-120	
Fluoride	8.00	ND	7.94	97.5	1	80.0-120	
Sulfate	40.0	40.9	71.5	76.5	1	80.0-120	J6

Method Blank (MB)

(MB) R4270657-1 09/08/25 22:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00
Fluoride	U		0.0761	0.150
Sulfate	U		0.637	5.00

L1895667-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1895667-05 09/08/25 23:37 • (DUP) R4270657-3 09/08/25 23:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20.8	19.5	1	6.09		15
Fluoride	0.150	ND	1	16.5	P1	15
Sulfate	29.1	27.0	1	7.46		15

L1895688-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1895688-02 09/09/25 05:24 • (DUP) R4270657-5 09/09/25 05:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	21.4	16.5	1	25.9	J3	15
Fluoride	0.467	0.379	1	20.9	P1	15
Sulfate	14.8	11.9	1	22.0	P1	15

Laboratory Control Sample (LCS)

(LCS) R4270657-2 09/08/25 23:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	33.5	83.7	80.0-120	
Fluoride	8.00	6.97	87.2	80.0-120	
Sulfate	40.0	33.5	83.8	80.0-120	

L1895667-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1895667-05 09/08/25 23:37 • (MS) R4270657-4 09/09/25 00:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	20.8	60.7	99.9	1	80.0-120	
Fluoride	8.00	0.150	9.42	116	1	80.0-120	
Sulfate	40.0	29.1	68.8	99.3	1	80.0-120	

L1895688-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895688-02 09/09/25 05:24 • (MS) R4270657-6 09/09/25 05:59 • (MSD) R4270657-7 09/09/25 06:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	21.4	58.2	58.8	91.9	93.4	1	80.0-120			1.03	15
Fluoride	8.00	0.467	9.51	9.95	113	119	1	80.0-120			4.53	15
Sulfate	40.0	14.8	52.0	55.7	93.1	102	1	80.0-120			6.83	15

L1895051-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1895051-02 09/11/25 23:00 • (DUP) R4272273-2 09/11/25 23:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	SU	su		%		%
pH	8.42	8.42	1	0.000		1

Sample Narrative:

OS: 8.42 at 21.2C

DUP: 8.42 at 21.1C

L1895667-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1895667-07 09/11/25 23:00 • (DUP) R4272273-3 09/11/25 23:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.55	7.56	1	0.132		1

Sample Narrative:

OS: 7.55 at 20.5C

DUP: 7.56 at 20.3C

Laboratory Control Sample (LCS)

(LCS) R4272273-1 09/11/25 23:00

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

Sample Narrative:

LCS: 10.01 at 20.3C

L1895667-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1895667-08 09/12/25 14:40 • (DUP) R4272664-2 09/12/25 14:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.56	7.53	1	0.398		1

Sample Narrative:

OS: 7.56 at 23C

DUP: 7.53 at 23C

L1896799-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1896799-01 09/12/25 14:40 • (DUP) R4272664-3 09/12/25 14:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	6.86	6.81	1	0.732		1

Sample Narrative:

OS: 6.86 at 23.4C

DUP: 6.81 at 23.1C

Laboratory Control Sample (LCS)

(LCS) R4272664-1 09/12/25 14:40

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

Sample Narrative:

LCS: 10 at 22.4C

Method Blank (MB)

(MB) R4272957-1 09/13/25 17:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.0000700	0.000200

Laboratory Control Sample (LCS)

(LCS) R4272957-2 09/13/25 17:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00284	94.6	80.0-120	

L1895618-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895618-01 09/13/25 17:28 • (MS) R4272957-4 09/13/25 17:33 • (MSD) R4272957-5 09/13/25 17:36

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00249	0.00280	83.1	93.4	1	75.0-125			11.6	20

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

QUALITY CONTROL SUMMARY

L1895667-06,07,08,09,10,11,12,13,14,15

Method Blank (MB)

(MB) R4272341-1 09/11/25 14:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.0000700	0.000200

Laboratory Control Sample (LCS)

(LCS) R4272341-2 09/11/25 14:53

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00275	91.7	80.0-120	

L1895667-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895667-15 09/11/25 14:56 • (MS) R4272341-4 09/11/25 15:01 • (MSD) R4272341-5 09/11/25 15:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00286	0.00275	95.4	91.8	1	75.0-125			3.88	20

QUALITY CONTROL SUMMARY

L1895667-01,02,03,04,05

Method Blank (MB)

(MB) R4272340-1 09/11/25 16:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.0000700	0.000200

Laboratory Control Sample (LCS)

(LCS) R4272340-2 09/11/25 16:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00267	88.9	80.0-120	

L1894910-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1894910-03 09/11/25 16:21 • (MS) R4272340-4 09/11/25 16:43 • (MSD) R4272340-5 09/11/25 16:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	ND	0.00177	0.00309	59.0	103	1	75.0-125	J6	J3	54.3	20

Method Blank (MB)

(MB) R4272616-1 09/12/25 14:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Dissolved	U		0.0000700	0.000200

Laboratory Control Sample (LCS)

(LCS) R4272616-2 09/12/25 14:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Dissolved	0.00300	0.00297	98.8	80.0-120	

L1895456-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895456-02 09/12/25 14:28 • (MS) R4272616-4 09/12/25 14:33 • (MSD) R4272616-5 09/12/25 14:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Dissolved	0.00300	ND	0.00300	0.00300	100	99.9	1	75.0-125			0.258	20

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

Method Blank (MB)

(MB) R4272290-1 09/11/25 20:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron,Dissolved	U		0.0233	0.200
Calcium,Dissolved	U		0.153	1.00

Laboratory Control Sample (LCS)

(LCS) R4272290-2 09/11/25 20:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron,Dissolved	1.00	0.954	95.4	80.0-120	
Calcium,Dissolved	10.0	9.92	99.2	80.0-120	

L1895360-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895360-03 09/11/25 20:23 • (MS) R4272290-4 09/11/25 20:26 • (MSD) R4272290-5 09/11/25 20:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron,Dissolved	1.00	ND	1.00	0.986	97.8	96.3	1	75.0-125			1.48	20
Calcium,Dissolved	10.0	17.0	26.8	26.5	97.5	95.1	1	75.0-125			0.904	20

QUALITY CONTROL SUMMARY

L1895667-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15

Method Blank (MB)

(MB) R4271862-1 09/10/25 18:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Boron	U		0.0233	0.200
Calcium	U		0.153	1.00

Laboratory Control Sample (LCS)

(LCS) R4271862-2 09/10/25 18:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Boron	1.00	0.975	97.5	80.0-120	
Calcium	10.0	10.2	102	80.0-120	

L1895667-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895667-01 09/10/25 18:54 • (MS) R4271862-4 09/10/25 18:58 • (MSD) R4271862-5 09/10/25 19:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Boron	1.00	4.36	5.28	5.30	92.0	94.1	1	75.0-125			0.404	20
Calcium	10.0	111	120	120	86.7	90.7	1	75.0-125			0.330	20

QUALITY CONTROL SUMMARY

L1895667-01,02,03,04,05,06,07,08,09,10,11,12,14,15

Method Blank (MB)

(MB) R4277020-1 09/22/25 22:41

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony,Dissolved	U		0.000310	0.00400
Arsenic,Dissolved	U		0.000120	0.00200
Barium,Dissolved	U		0.000500	0.00200
Beryllium,Dissolved	U		0.000200	0.00200
Cadmium,Dissolved	U		0.000120	0.00100
Chromium,Dissolved	U		0.000900	0.00200
Cobalt,Dissolved	U		0.000100	0.00200
Lead,Dissolved	U		0.000500	0.00200
Lithium,Dissolved	U		0.000600	0.00200
Molybdenum,Dissolved	U		0.000500	0.00500
Selenium,Dissolved	U		0.000250	0.00200
Thallium,Dissolved	U		0.000130	0.00200

Laboratory Control Sample (LCS)

(LCS) R4277020-2 09/22/25 22:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony,Dissolved	0.0500	0.0461	92.3	80.0-120	
Arsenic,Dissolved	0.0500	0.0471	94.2	80.0-120	
Barium,Dissolved	0.0500	0.0467	93.5	80.0-120	
Beryllium,Dissolved	0.0500	0.0477	95.5	80.0-120	
Cadmium,Dissolved	0.0500	0.0505	101	80.0-120	
Chromium,Dissolved	0.0500	0.0493	98.6	80.0-120	
Cobalt,Dissolved	0.0500	0.0493	98.6	80.0-120	
Lead,Dissolved	0.0500	0.0455	91.1	80.0-120	
Lithium,Dissolved	0.0500	0.0478	95.5	80.0-120	
Molybdenum,Dissolved	0.0500	0.0463	92.6	80.0-120	
Selenium,Dissolved	0.0500	0.0469	93.9	80.0-120	
Thallium,Dissolved	0.0500	0.0462	92.4	80.0-120	

L1895667-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895667-01 09/22/25 22:47 • (MS) R4277020-4 09/22/25 22:54 • (MSD) R4277020-5 09/22/25 22:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony,Dissolved	0.0500	ND	0.0495	0.0477	99.0	95.5	1	75.0-125			3.62	20
Arsenic,Dissolved	0.0500	ND	0.0519	0.0522	101	102	1	75.0-125			0.662	20
Barium,Dissolved	0.0500	0.0998	0.146	0.144	92.4	88.0	1	75.0-125			1.52	20

L1895667-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895667-01 09/22/25 22:47 • (MS) R4277020-4 09/22/25 22:54 • (MSD) R4277020-5 09/22/25 22:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium,Dissolved	0.0500	ND	0.0510	0.0493	102	98.6	1	75.0-125			3.42	20
Cadmium,Dissolved	0.0500	ND	0.0491	0.0463	98.1	92.7	1	75.0-125			5.69	20
Chromium,Dissolved	0.0500	ND	0.0488	0.0473	97.7	94.6	1	75.0-125			3.20	20
Cobalt,Dissolved	0.0500	ND	0.0488	0.0473	97.6	94.6	1	75.0-125			3.15	20
Lead,Dissolved	0.0500	ND	0.0461	0.0452	92.2	90.5	1	75.0-125			1.93	20
Lithium,Dissolved	0.0500	0.0294	0.0777	0.0738	96.6	88.8	1	75.0-125			5.15	20
Molybdenum,Dissolved	0.0500	0.0596	0.110	0.106	99.8	92.4	1	75.0-125			3.42	20
Selenium,Dissolved	0.0500	ND	0.0515	0.0493	103	98.6	1	75.0-125			4.35	20
Thallium,Dissolved	0.0500	ND	0.0462	0.0455	92.3	90.9	1	75.0-125			1.58	20

Method Blank (MB)

(MB) R4277935-1 09/24/25 15:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony	0.000918	J	0.000310	0.00400
Arsenic	U		0.000120	0.00200
Barium	0.000814	J	0.000500	0.00200
Beryllium	U		0.000200	0.00200
Cadmium	U		0.000120	0.00100
Chromium	U		0.000900	0.00200
Cobalt	U		0.000100	0.00200
Lead	0.000844	J	0.000500	0.00200
Lithium	U		0.000600	0.00200
Molybdenum	U		0.000500	0.00500
Selenium	U		0.000250	0.00200
Thallium	U		0.000130	0.00200

Laboratory Control Sample (LCS)

(LCS) R4277935-2 09/24/25 15:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	0.0500	0.0552	110	80.0-120	
Arsenic	0.0500	0.0496	99.2	80.0-120	
Barium	0.0500	0.0480	95.9	80.0-120	
Beryllium	0.0500	0.0491	98.2	80.0-120	
Cadmium	0.0500	0.0528	106	80.0-120	
Chromium	0.0500	0.0520	104	80.0-120	
Cobalt	0.0500	0.0511	102	80.0-120	
Lead	0.0500	0.0502	100	80.0-120	
Lithium	0.0500	0.0496	99.2	80.0-120	
Molybdenum	0.0500	0.0515	103	80.0-120	
Selenium	0.0500	0.0519	104	80.0-120	
Thallium	0.0500	0.0511	102	80.0-120	

L1895549-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895549-20 09/24/25 15:25 • (MS) R4277935-4 09/24/25 15:31 • (MSD) R4277935-5 09/24/25 15:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	0.0500	ND	0.0529	0.0540	104	106	1	75.0-125			2.06	20
Arsenic	0.0500	ND	0.0484	0.0490	96.7	97.9	1	75.0-125			1.20	20
Barium	0.0500	ND	0.0499	0.0493	99.8	98.6	1	75.0-125			1.21	20

L1895549-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1895549-20 09/24/25 15:25 • (MS) R4277935-4 09/24/25 15:31 • (MSD) R4277935-5 09/24/25 15:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	0.0500	ND	0.0493	0.0495	98.7	98.9	1	75.0-125			0.240	20
Cadmium	0.0500	ND	0.0535	0.0530	107	106	1	75.0-125			0.871	20
Chromium	0.0500	ND	0.0520	0.0522	104	104	1	75.0-125			0.435	20
Cobalt	0.0500	ND	0.0515	0.0519	103	104	1	75.0-125			0.656	20
Lead	0.0500	ND	0.0493	0.0507	98.6	101	1	75.0-125			2.83	20
Lithium	0.0500	ND	0.0498	0.0492	99.7	98.4	1	75.0-125			1.32	20
Molybdenum	0.0500	ND	0.0505	0.0502	101	100	1	75.0-125			0.695	20
Selenium	0.0500	ND	0.0512	0.0519	102	104	1	75.0-125			1.30	20
Thallium	0.0500	ND	0.0501	0.0511	100	102	1	75.0-125			1.97	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

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.

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:
ERM - St. Louis, MO

1968 Craig Road, Suite 100
Saint Louis, MO 63146

Billing Information:
Accounts Payable Dept.
1701 Golf Road, Suite 1-1000
Rolling Meadows, IL 60008-4242

Pres Chk

Report to:
Randy Homburg 314-682-3980

Email To:
Randy.Homburg@erm.com;Tim.Wilson@erm.co

Project Description:
Grand Tower Energy Center Groundwater 3Q25

City/State Collected: Grand Tower, IL

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
0599247

Lab Project #
ERMSCMO-0599247

Collected by (print):
Marshall Arendell

Site/Facility ID #

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ____ Y X

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Dissolved Metals 250mlHDPE-NoPres	TDS 1L-HDPE NoPres	Total Metals 250mlHDPE-HNO3	pH 125mlHDPE-NoPres					Remarks	Sample # (lab only)
APW-03-WG-2025 0903		GW		9/3/2025	1430	5	X	X	X	X	X						01
APW-08-WG-2025 0905		GW		9/5/2025	0835	5	X	X	X	X	X						02
APW-07-WG-2025 0904		GW		9/4/2025	1635	5	X	X	X	X	X						03
APW-10S-WG-2025 0903		GW		9/3/2025	1645	5	X	X	X	X	X						04
APW-10D-WG-2025 0903		GW		9/3/2025	1555	5	X	X	X	X	X						05
APW-06S-WG-2025 0904		GW		9/4/2025	1055	5	X	X	X	X	X						06
APW-06D-WG-2025 0904		GW		9/4/2025	0955	5	X	X	X	X	X						07
APW-05R-WG-2025 0904		GW		9/4/2025	1230	5	X	X	X	X	X						08
APW-09-WG-2025 0905		GW		9/5/2025	0930	5	X	X	X	X	X						09
APW-02-WG-2025 0904		GW		9/4/2025	1330	5	X	X	X	X	X						10

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1695267

F015

Acctnum: **ERMSCMO**
Template: **T243415**
Prelogin: **P1171954**
PM: **206 - Jeff Carr**
PB:

Shipped Via: **FedEx Ground**

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

Remarks:

pH _____ 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)
	9/5/2025	1200	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 74

If preservation required by Login: Date/Time

Date: 090625 Time: 0900

Hold:

Condition: NCF / OK

Company Name/Address:
ERM - St. Louis, MO

1968 Craig Road, Suite 100
Saint Louis, MO 63146

Billing Information:
Accounts Payable Dept.
1701 Golf Road, Suite 1-1000
Rolling Meadows, IL 60008-4242

Pres Chk

Report to:
Randy Homburg 314-682-3980

Email To:
Randy.Homburg@erm.com;Tim.Wilson@erm.co

Project Description:
Grand Tower Energy Center Groundwater 3Q25

City/State Collected: Grand Tower, IL

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
0599247

Lab Project #
ERMSCMO-0599247

Collected by (print):
Marshall Amendell

Site/Facility ID #

P.O. #

Collected by (signature):
Marshall Amendell

Immediately Packed on Ice N ____ Y X

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

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Dissolved Metals 250mlHDPE-NoPres	TDS 1L-HDPE NoPres	Total Metals 250mlHDPE-HNO3	pH 125mlHDPE-NoPres				Remarks	Sample # (lab only)
APW-01R-WG-2025 0904	Grab	GW		9/4/2025	1525	5	X	X	X	X	X					11
APW-04-WG-2025 0904	"	GW		9/4/2025	0810	5	X	X	X	X	X					12
EB-01-WG-2025 0903	"	GW		9/3/2025	1000	4 (5)	X	X	X	X	X				No diss. collected for EB-01	13
DUP-01-WG-2025 0904	"	GW		9/4/2025	0001	5	X	X	X	X	X					14
DUP-02-WG-2025 0905	"	GW		9/5/2025	0002	5	X	X	X	X	X					15

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1495007

Table #

Acctnum: **ERMSCMO**
Template: **T243415**
Prelogin: **P1171954**
PM: **206 - Jeff Carr**
PB:

Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ 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)
Marshall Amendell	9/5/2025	1200	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			CRoberts

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 14

Date: 090625 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Multiple Parcel Form L# L1895067

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4580 6312 5225	THA9	2.3	-0.1	2.2	Yes / No / Not Present
4580 6312 5236		0.4	-0.1	0.3	Yes / No / Not Present
9102 9167 4331		4.7	-0.1	4.6	Yes / No / Not Present
9416 7188 8478		3.4	-0.1	3.3	Yes / No / Not Present
4718 2716 7417		0.2	-0.1	0.1	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

CRogers
Name

09-06-25
Date