

PROBLEM AND DISCREPANCY (P&D) REPORT

P&D Number: PD25-0093	Rev. Number: 0	Laboratory: RJ LEE	SDG Number: RJLG25C0060	Date Initiated: 6/12/2025
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NOTE: Complete form in accordance with [SGRP-PRO-SMP-50015](#), *Sample Management and Reporting Sample Issued Resolution and Problem and Discrepancy Process*

Sample Event Information

SAF Number(s):
I25-009, W25-001

Sampling Information

Number of Samples: 4

Sample Matrix: WATER

Issue Background

Class: Data Issue

Type: Other (Specify)

Description: RJLG25C0060: The QC blank included in the report was analyzed after the sample analysis date. The lab confirmed the incorrect blank data was included.

Resolution

Proposed Resolution:
Please correct the issue and resubmit the hard copy and electronic copy data packages.

Final Resolution:
Please correct the issue and resubmit the hard copy and electronic copy data packages.

Submitted By:

BLACK, AMANDA M.

06/12/2025

Print First and Last Name

Date

Accepted By:

FURLONG, JJ

06/12/2025

Print First and Last Name

Date



RJ Lee Group, Inc. | Columbia Basin Analytical Laboratories

2710 North 20th Avenue, Pasco WA 99301

Tel: (509) 792-1955 | Fax: (509) 792-1934

Central Plateau Cleanup Company, LLC (Env)
PO Box 1464
Richland, WA 99352

07/09/25
Contract: 89225

Subject: Chemical Analysis Report, SDG Number: RJLG25C0060

Columbia Basin Analytical Laboratories received 4 sample(s) on 01/29/25 for analysis. These sample(s) have been assigned a login order number of W501218, SDG number RJLG25C0060. Enclosed is the final report that consists of a summary report of the sample(s), and a copy of the chain of custody. If provided by customer on COC, sample volume is recorded on the laboratory report and has been used to calculate final results.

General Lab Comments

The results provided in this report relate only to the items tested. Sample(s) were received in acceptable conditions unless otherwise noted in the comments above. Sample(s) have not been field blank corrected unless otherwise noted in the general set comments above. Results included in the report apply to the sample as it was received. Information provided by customer can affect validity of results. The sample(s) were prepared and analyzed in compliance with EPA 300.0. The working analytical concentration for samples prepared by this method is a 2x dilution of the digestate. This test report shall not be reproduced, except in full, without written approval of Columbia Basin Analytical Laboratories. Any questions, please contact our office.

Revised to correct the date and time for the method blank.

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all data deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this data package has been authorized by the Laboratory Director or a designee and the laboratory's client service representative as verified by their signatures on this report. This report has been technically reviewed by the following individual:

A handwritten signature in black ink that reads "Sam Sears".

02/07/25

Chemist I Sam Sears

If you have any questions please feel free to contact Sam Sears at SSears@rjleegroup.com or 509-792-1955.

This report has been administratively reviewed and approved by the following individual:

A handwritten signature in black ink that reads "JJ Furlong".

07/09/25

Project Director JJ Furlong

Columbia Basin Analytical Laboratories | 2710 North 20th Avenue, Pasco WA 99301 | 509.792.1955

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Report Template: EnvironmentalA.rpt

Approved: 02/7/25 16:44
Report Time Stamp: 07/09/25 16:53



Heather Medley
 Central Plateau Cleanup
 Company, LLC (Env)
 PO Box 1464
 Richland, WA 99352
 Client Project: Anions

Laboratory Report

Non-Potable Water
 EPA 300.0
 IC-04

RJ Lee Group No.: W501218
 SDG No: RJLG25C0060
 Samples Received: 01/29/25 14:10
 Report Date: 07/09/25 16:53

Sample Name: B4L6D0 **Batch No:** BA50122 **Date Sampled:** 01/29/25 09:31

RJ Lee Grp. ID: W501218-01 **Matrix:** Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 04:41	28.1	1.20	0.60	20	D
Fluoride	01/30/25 11:32	0.24	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 04:41	9.94	0.92	0.46	20	D
Nitrite as NO2-N	01/30/25 11:32	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 20:05	136	6.00	3.00	20	D

Sample Name: B4K6W1 **Batch No:** BA50122 **Date Sampled:** 01/29/25 11:20

RJ Lee Grp. ID: W501218-02 **Matrix:** Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 05:43	7.01	0.60	0.30	10	D
Fluoride	01/30/25 11:53	0.41	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 11:53	3.73	0.09	0.05	2	D
Nitrite as NO2-N	01/30/25 11:53	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 11:53	25.5	0.60	0.30	2	D

Sample Name: B4K6B7 **Batch No:** BA50122 **Date Sampled:** 01/29/25 11:20

RJ Lee Grp. ID: W501218-03 **Matrix:** Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 06:03	7.08	0.60	0.30	10	D
Fluoride	01/30/25 12:14	0.41	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 12:14	3.73	0.09	0.05	2	D
Nitrite as NO2-N	01/30/25 12:14	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 12:14	25.5	0.60	0.30	2	D

RJ Lee Group

Sample Name: B4L6F5 Batch No: BA50122 Date Sampled: 01/29/25 12:37

RJ Lee Grn. ID: W501218-04 Matrix: Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 06:24	38.4	1.20	0.60	20	D
Fluoride	01/30/25 12:34	0.27	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 06:24	14.1	0.92	0.46	20	D
Nitrite as NO2-N	01/30/25 12:34	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 21:48	86.9	6.00	3.00	20	D

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Report Template: EnvironmentalA.rpt



Heather Medley
 Central Plateau Cleanup
 Company, LLC (Env)
 PO Box 1464
 Richland, WA 99352
 Client Project: Anions

Quality Control
 Non-Potable Water
 EPA 300.0

RJ Lee Group No.: W501218
 SDG No.: RJLG25C0060
 Samples Received: 01/29/25 14:10
 Report Date: 07/09/25 16:53

Analyte	Analyzed	QC ID	Spike µg/mL	Exp µg/mL	Res µg/mL	MDL µg/mL	PQL µg/mL	RPD	DF	% REC	Recovery Limits	Q	Comments
Chloride	01/29/25 23:55	LRB		<0.03	<0.03	0.03	0.06		1			U	BA50122,
Fluoride	01/29/25 23:55	LRB		<0.02	<0.02	0.02	0.04		1			U	BA50122,
Nitrate as NO3-N	01/29/25 23:55	LRB		<0.02	<0.02	0.02	0.05		1			U	BA50122,
Nitrite as NO2-N	01/29/25 23:55	LRB		<0.03	<0.03	0.03	0.06		1			U	BA50122,
Sulfate	01/29/25 23:55	LRB		<0.15	<0.15	0.15	0.30		1			U	BA50122,
Chloride	01/30/25 00:36	LCS	1.50	1.50	1.55	0.03	0.06		1	103	80 - 120		BA50122,
Fluoride	01/30/25 00:36	LCS	1.00	1.00	1.05	0.02	0.04		1	105	80 - 120		BA50122,
Nitrate as NO3-N	01/30/25 00:36	LCS	1.13	1.13	1.18	0.02	0.05		1	104	80 - 120		BA50122,
Nitrite as NO2-N	01/30/25 00:36	LCS	1.52	1.52	1.57	0.03	0.06		1	103	80 - 120		BA50122,
Sulfate	01/30/25 00:36	LCS	7.50	7.50	7.85	0.15	0.30		1	105	80 - 120		BA50122,
Chloride	01/30/25 00:56	MS	1.50	2.16	2.13	0.60	1.20		20	98.3	75 - 125	D	BA50122, B4JWN2
Fluoride	01/30/25 12:55	MS	1.00	1.14	1.16	0.04	0.08		2	102	75 - 125	D	BA50122, B4JWN2
Nitrate as NO3-N	01/30/25 00:56	MS	1.13	1.66	1.65	0.46	0.92		20	98.8	75 - 125	D	BA50122, B4JWN2
Nitrite as NO2-N	01/30/25 12:55	MS	1.52	1.52	1.50	0.06	0.12		2	98.7	75 - 125	D	BA50122, B4JWN2
Sulfate	01/30/25 15:18	MS	7.50	10.13	9.95	3.00	3.00		20	97.7	75 - 125	D	BA50122, B4JWN2
Chloride	01/30/25 01:17	MSD	1.50	2.16	2.12	0.60	1.20	0.75	20	97.2	75 - 125	D	BA50122, B4JWN2
Fluoride	01/30/25 13:15	MSD	1.00	1.14	1.17	0.04	0.08	1.29	2	103	75 - 125	D	BA50122, B4JWN2
Nitrate as NO3-N	01/30/25 01:17	MSD	1.13	1.66	1.64	0.46	0.92	0.66	20	97.8	75 - 125	D	BA50122, B4JWN2
Nitrite as NO2-N	01/30/25 13:15	MSD	1.52	1.52	1.53	0.06	0.12	1.91	2	101	75 - 125	D	BA50122, B4JWN2
Sulfate	01/30/25 15:39	MSD	7.50	10.13	10.05	3.00	3.00	0.91	20	98.9	75 - 125	D	BA50122, B4JWN2

RJ Lee Group

Report Qualifiers:

- B = Inorganics and Wetchem: The analyte was detected at a value less than the PQL but greater than or equal to the MDL. The data should be considered usable for decision making purposes.*
- C = The analyte was detected in both the sample and the associated QC blank, and the sample concentration was $\leq 5X$ the blank concentration. The data should be considered usable for decision making purposes.*
- D = Analyte was reported at a secondary DF, typically $DF > 1$ (i.e., the primary preparation required dilution to either bring the analyte within the calibration range or to minimize interference). Required for organics/wetchem if the sample was diluted.*
- H = Laboratory holding time exceeded before the sample was analyzed.*
- N = Spike and/or spike duplicate sample recovery is outside control limits*
- O = All: The associated LCS recovery is outside control limits*
- U = The constituent was analyzed for and was not detected. The data should be considered usable for decision making purposes.*
- X or Y or Z = The result-specific translation of this qualifier code is provided in the data report and/or case narrative.*



Chemist I Sam Sears

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any samples. Unless otherwise noted, samples were received in an acceptable condition. This laboratory operates in accordance with ISO 17025 guidelines, and holds limited scopes of accreditation under ORELAP Lab Code 4061 AIHA LAP, LLC Lab ID 178656 EPA ID WA01195 and WA DOE Lab ID C859. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid. Quality control data is available upon request.

Columbia Basin Analytical Laboratories | 2710 North 20th Avenue, Pasco WA 93301 | 509.792.1955

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Report Template: EnvironmentalA.rpt

Approved: 02/7/25 16:44
Report Time Stamp: 07/09/25 16:53



End of Report

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Rev. 1

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # W25-001-548

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W501218

RJLG25C0060

Collector: Dave Stephenson/CPCCo	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: W25-001	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: RCRA, January 2025	Logbook No.: HNF-N-506-147/29	Ice Chest No.: N/A
Shipped To (Lab): RJ Lee Group, Inc/Center for Laboratory S	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: RCRA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L6D0	N	W	JAN 29 2025	0948	1x125-mL G/P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

July 10, 2025

Thermometer ID: 230430571

Temperature: 5.1

Relinquished By			Received By			Matrix *
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	
Dave Stephenson/CPCCo	<i>[Signature]</i>	JAN 29 2025 0948	Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 0948	
Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 1410	Erin Leseberg RJLG	<i>[Signature]</i>	JAN 29 2025 1410	
FINAL SAMPLE DISPOSITION			Disposal Method (e.g., Return to customer, per lab procedure, used in process):		Disposed By:	Date/Time:

RJLG25C0060

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Rev. 1

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # 125-009-134

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W501218

RJLG 25 00060

Collector: Dave Stephenson/CPCCo	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: I25-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: CERCLA, January 2025	Logbook No.: HNF-N-506-147/29	Ice Chest No.:
Shipped To (Lab): GEL Laboratories, LLC <i>RI 101</i>	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.:
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4K6W1	N	W	JAN 29 2025	1120	1x60-mL G/P	9056_ANIONS_IC: COMMON	48 Hours	Cool <=6C

July 10, 2025

Thermometer ID: 230430571

Temperature: 5.1

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Dave Stephenson/CPCCo	<i>[Signature]</i>	JAN 29 2025 1305	Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 1305	S = Soil	DS = Drum Solids
Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 1410	Erin Leseberg RJLG	<i>[Signature]</i>	JAN 29 2025 1410	SE = Sediment	DL = Drum Liquids
						SO = Solid	T = Tissue
						SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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RJLG25C00060

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Rev. 1

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # 125-009-135

PAGE 1 OF 1

WS01218

RJL62510060

Collector: Dave Stephenson/CPCCo	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: I25-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: CERCLA, January 2025 01-29-25	Logbook No.: HNF-N-506-147/29	Ice Chest No.:
Shipped To (Lab): GEL Laboratories, LLC - RJL625	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.:
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1	SPECIAL INSTRUCTIONS N/A
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4K6B7	N	W	JAN 29 2025	1120	1x60-mL G/P	9056_ANIONS_IC: COMMON	48 Hours	Cool <=6C

July 10, 2025

Thermometer ID: 230430571

Temperature: 5.1

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Dave Stephenson/CPCCo	<i>[Signature]</i>	JAN 29 2025 1305	Mike Esparza / CPCCo	<i>[Signature]</i>	JAN 29 2025 1305	S = Soil	DS = Drum Solids
Mike Esparza / CPCCo	<i>[Signature]</i>	JAN 29 2025 1410	Erin Leseberg RJLC	<i>[Signature]</i>	JAN 29 2025 1410	SE = Sediment	DL = Drum Liquids
						SO = Solid	T = Tissue
						SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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RJL625C0060

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Rev. 1

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #
125-009-209

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WS01218

RJLG25C0060

Collector: Dave Stephenson/CPCCo	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: I25-009	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: CERCLA, January 2025	Logbook No.: HNF-N-506 -147/29	Ice Chest No.: N/A
Shipped To (Lab): RJ Lee Group, Inc/Center for Laboratory S	Method of Shipment: GOVERNMENT VEHICLE	Bill of Lading/Air Bill No.: N/A
Protocol: CERCLA	Priority: 30 Days	Offsite Property No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
 ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

SPECIAL INSTRUCTIONS
N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L6F5	N	W	JAN 29 2025	125	1x125-mL G/P	300.0_ANIONS_IC: COMMON	48 Hours	Cool <=6C

July 10, 2025

Thermometer ID: 230430571

Temperature: 5.1

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S = Soil	DS = Drum Solids
Dave Stephenson/CPCCo	<i>[Signature]</i>	JAN 29 2025 1305	Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 1305	SE = Sediment	DL = Drum Liquids
Mike Esparza / CPCC	<i>[Signature]</i>	JAN 29 2025 1410	Erin Leseberg RJLG	<i>[Signature]</i>	JAN 29 2025 1410	SO = Solid	T = Tissue
						SL = Sludge	WI = Wipe
						W = Water	L = Liquid
						O = Oil	V = Vegetation
						A = Air	X = Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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RJLG25C0060

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W501218

RJ Lee Group Inc

Client: Central Plateau Cleanup Company, LLC (Env) Project: Anions COC #: W25-001	Project Manager: Sam Sears Project Number: 89225 SDG Number: RJLG25C0060 PO #: 901852
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Report To: Central Plateau Cleanup Company, LLC (Env) Heather Medley PO Box 1464 Richland, WA 99352 Phone: (509) 373-6909 Fax:	Invoice To: Central Plateau Cleanup Company, LLC (Env) Sample Management PO Box 1464 Richland, WA 99352 Phone: (509) 376-7955 Fax:
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Date Due: 2/25/2025 (19 day TAT)	
Received By: Erin Leseberg	Date Received: 01/29/25 14:10
Logged In By: Erin Leseberg	Date Logged In: 01/29/25 14:34

Samples Received at:	5.1°C
Custody Seals	Yes
Containers Intact	Yes
COC/Labels Agree	Yes
Preservation Confirmed	Yes
Received On Ice	Yes

RJLG ID	Sample Name	Analysis	Matrix	Date Sampled	TAT	Date Due
W501218-01	B4L6D0 W25-001	Anions by EPA 300	Non-Potable Water	01/29/25 09:31	19	2/25/2025
W501218-02	B4K6W1 I25-009	Anions by EPA 300	Non-Potable Water	01/29/25 11:20	19	2/25/2025
W501218-03	B4K6B7 I25-009	Anions by EPA 300	Non-Potable Water	01/29/25 11:20	19	2/25/2025
W501218-04	B4L6F5 I25-009	Anions by EPA 300	Non-Potable Water	01/29/25 12:37	19	2/25/2025