PROBLEM AND DISCREPANCY (P&D) REPORT

P&D Number:	Rev. Number:	Laboratory:	SDG Number:	Date Initiated:
PD25-0091	0	RJ LEE	RJLG25C0058	6/12/2025

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):
T25-024

Sampling Information

Number of Samples:	2
Sample Matrix:	WATER

Issue Background

Class:	Data Issue
Type:	Other (Specify)
Description:	RJLG25C0058: 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

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: RJLG25C0058

Columbia Basin Analytical Laboratories received 2 sample(s) on 01/29/25 for analysis. These sample(s) have been assigned a login order number of W501216, SDG number RJLG25C0058. 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:

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:

07/09/25

Project Director JJ Furlong

RJ Lee Group

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.: W501216
SDG No: RJLG25C0058
Samples Received: 01/29/25 14:10
Report Date: 07/09/25 16:53

Sample Name: B4KB43 **Batch No:** BA50122 **Date Sampled:** **01/29/25 08:40**

RJ Lee Grp. ID: W501216-01 **Matrix:** Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 01:58	64.3	6.00	3.00	100	D
Fluoride	01/30/25 08:07	2.47	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 01:58	126	4.60	2.30	100	D
Nitrite as NO2-N	01/30/25 08:07	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 17:22	428	30.0	15.0	100	D

Sample Name: B4KB50 **Batch No:** BA50122 **Date Sampled:** **01/29/25 08:40**

RJ Lee Grp. ID: W501216-02 **Matrix:** Water

Analyte	Analyzed	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	01/30/25 02:18	64.0	6.00	3.00	100	D
Fluoride	01/30/25 08:27	1.54	0.08	0.04	2	D
Nitrate as NO3-N	01/30/25 02:18	157	4.60	2.30	100	D
Nitrite as NO2-N	01/30/25 08:27	< 0.06	0.12	0.06	2	U, D
Sulfate	01/30/25 17:42	448	30.0	15.0	100	D

RJ Lee Group

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.: W501216
SDG No.: RJLG25C0058
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 <= 5X the blank concentration. The data should be considered usable for decision making purposes.

D = Analyte was reported at a secondaryDF, typically DF>1 (i.e., the primary preparationrequired dilution to either bring theanalyte within the calibration range or to minimizeinterference). 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 beconsidered usable for decision making purposes.

X or Y or Z = The result-specific translation of this qualifier code is provided in the data reportand/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.

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End of Report

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

WG01216 RJLG25C0058

C.O.C. # **T25-024-013**

PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site AL 1-29-25	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-~~506~~ 491-24/25	**Ice Chest No.:**
Shipped To (Lab): ~~GEL Laboratories, LLC~~ R. J. LEE	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:**
Protocol: CERCLA AL 1-29-25	**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

THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB43	N	W	JAN 29 2025	0840	1x60-mL G/P	9056_ANIONS_IC: COMMON	48 Hours	Cool <=6C
B4KB50	Y	W	JAN 29 2025	1	1x60-mL G/P	9056_ANIONS_IC: COMMON	48 Hours	Cool <=6C

July 10, 2025

Thermometer ID: 23043057

Temperature: 5.1

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		JAN 29 2025 1030	Mike Esparza / CPCC		JAN 29 2025 1030
Mike Esparza / CPCC		JAN 29 2025 1410 1400 1-29-25	Erin Leseberg RJLG ~~FEDEX~~	1-29-25	JAN 29 2025 1910

Matrix *

S	= Soil	DS	= Drum Solids
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:

RJLG25C0058

RJ Lee Group

WORK ORDER

Printed: 1/29/2025 5:00:45PM

W501216

RJ Lee Group Inc

Client: Central Plateau Cleanup Company, LLC (Env) **Project Manager:** Sam Sears
Project: Anions **Project Number:** 89225
COC #: T25-024 **PO #:** 901802 **SDG Number:** RJLG25C0058

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:

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 14:32

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
W501216-01	B4KB43 T25-024	Anions by EPA 300	Non-Potable Water	01/29/25 08:40	19	2/25/2025
W501216-02	B4KB50 T25-024	Anions by EPA 300	Non-Potable Water	01/29/25 08:40	19	2/25/2025