



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

03/25/21
Contract: 74392

Subject: Chemical Analysis Report, SDG Number: RJLG21C0073

Columbia Basin Analytical Laboratories received 1 sample(s) on 03/22/21 for analysis. These sample(s) have been assigned a login order number of W103184, SDG number RJLG21C0073. 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.

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 'Krystin Gilman'.

03/25/21

Inorganics Manager Krystin Gilman

If you have any questions please feel free to contact Krystin Gilman at kgilman@rjleegroup.com or 509-545-4989.

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

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

03/25/21

Project Manager JJ Furlong

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Report Template: EnvironmentalA.rpt

Approved: 03/25/21 10:09
Report Time Stamp: 03/25/21 14:10



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

Laboratory Report

RJ Lee Group No.: W103184
 SDG No: RJLG21C0073
 Samples Received: 03/22/21 14:38
 Analysis/Prep Date: 03/23/21 14:23
 Report Date: 03/25/21 14:10

Sample Name: B40F33 **Batch No:** BC10084 **Date Sampled:** 03/22/21 12:53
RJ Lee Grp. ID: W103184-01 **Matrix:** Water **Date Analyzed:** 03/23/21 14:23

Analyte	Method	Result µg/mL	PQL µg/mL	MDL µg/mL	Dilution Factors	Qualifiers
Chloride	EPA 300.0	3.79	0.06	0.03	2	D
Fluoride	EPA 300.0	0.30	0.04	0.02	2	D
Nitrate as NO ₃ -N	EPA 300.0	2.31	0.05	0.02	2	D
Nitrite as NO ₂ -N	EPA 300.0	< 0.03	0.06	0.03	2	U, D
Orthophosphate PO ₄ -P	EPA 300.0	< 0.05	0.10	0.05	2	U, D
Sulfate	EPA 300.0	19.1	0.30	0.15	2	D

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Quality Control

Water

RJ Lee Group No.: W103184
 SDG No.: RJLG21C0073
 Samples Received: 03/22/21 14:38
 Analysis/Prep Date: 03/23/21 12:09
 Report Date: 03/25/21 14:10

Analyte	CAS NO.	QC Sample ID	Expected µg/mL	Result µg/mL	MDL µg/mL	PQL µg/mL	RPD	% REC	Recovery Limits	Qualifier & Comments
Chloride	16887-00-6	Blank	<0.02	<0.02	0.02	0.03				U BC10084
Fluoride	16984-48-8	Blank	<0.01	<0.01	0.01	0.02				U BC10084
Nitrate as NO3-N	14797-55-8	Blank	<0.01	<0.01	0.01	0.02				U BC10084
Nitrite as NO2-N	14797-65-0	Blank	<0.02	<0.02	0.02	0.03				U BC10084
Orthophosphate PO4-P	14265-44-2	Blank	<0.03	<0.03	0.03	0.05				U BC10084
Sulfate	14808-79-8	Blank	<0.08	<0.08	0.08	0.15				U BC10084
Chloride	16887-00-6	LCS	1.50	1.53	0.02	0.03		102	80 - 120	BC10084
Fluoride	16984-48-8	LCS	1.00	1.02	0.01	0.02		102	80 - 120	BC10084
Nitrate as NO3-N	14797-55-8	LCS	1.13	1.15	0.01	0.02		102	80 - 120	BC10084
Nitrite as NO2-N	14797-65-0	LCS	1.52	1.58	0.02	0.03		104	80 - 120	BC10084
Orthophosphate PO4-P	14265-44-2	LCS	2.45	2.49	0.03	0.05		102	80 - 120	BC10084
Sulfate	14808-79-8	LCS	7.50	7.70	0.08	0.15		103	80 - 120	BC10084
Chloride	16887-00-6	Matrix Spike	1.88	1.88	0.15	0.30		100	75 - 125	D BC10084, W103184-01
Fluoride	16984-48-8	Matrix Spike	1.15	1.15	0.02	0.04		100	75 - 125	D BC10084, W103184-01
Nitrate as NO3-N	14797-55-8	Matrix Spike	2.29	2.24	0.02	0.05		95.5	75 - 125	D BC10084, W103184-01
Nitrite as NO2-N	14797-65-0	Matrix Spike	1.53	1.53	0.03	0.06		100	75 - 125	D BC10084, W103184-01
Orthophosphate PO4-P	14265-44-2	Matrix Spike	2.45	2.40	0.05	0.10		98.0	75 - 125	D BC10084, W103184-01
Sulfate	14808-79-8	Matrix Spike	9.41	9.49	0.75	1.50		101	75 - 125	D BC10084, W103184-01
Chloride	16887-00-6	Matrix Spike Dup	1.88	1.82	0.15	0.30	3.68	95.8	75 - 125	D BC10084, W103184-01
Fluoride	16984-48-8	Matrix Spike Dup	1.15	1.15	0.02	0.04	0.70	99.4	75 - 125	D BC10084, W103184-01
Nitrate as NO3-N	14797-55-8	Matrix Spike Dup	2.29	2.22	0.02	0.05	0.58	94.4	75 - 125	D BC10084, W103184-01
Nitrite as NO2-N	14797-65-0	Matrix Spike Dup	1.53	1.52	0.03	0.06	0.26	99.9	75 - 125	D BC10084, W103184-01
Orthophosphate PO4-P	14265-44-2	Matrix Spike Dup	2.45	2.38	0.05	0.10	0.96	97.0	75 - 125	D BC10084, W103184-01
Sulfate	14808-79-8	Matrix Spike Dup	9.41	9.12	0.75	1.50	4.03	96.1	75 - 125	D BC10084, W103184-01

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**Report Qualifiers:**

> = Result greater than quantifiable range or greater than upper limit of the analysis range

B = Inorganics and Wetchem: The analyte was detected at a value <RDL, but \geq IDL/MDL (as appropriate)

Organics: The analyte was detected in both the associated QC blank and in the sample, and the blank concentration exceeded the customer's contractual requirements

C = The analyte was detected in both the sample and the associated QC blank, and the sample concentration was \leq 5X the blank concentration

D = Analyte was reported at a secondary dilution factor

J = Organics: Estimated value; (1) constituent detected at a level <RDL or PQL and \geq MDL and estimated concentrations of TICs

o = All: The associated LCS recovery is outside control limits

N = Spike and/or spike duplicate sample recovery is outside control limits

U = Analyzed for but not detected above limiting criteria

X or Y or Z = The result-specific translation of this qualifier code is provided in the hardcopy data report and/or case narrative.

Additional result-specific translation information may also be found in the RESULT_COMMENT field for this record.

A handwritten signature in cursive script, appearing to read 'Krystin Gilman'.

Inorganics Manager Krystin Gilman

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.

Central Plateau Cleanup Co	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F21-049-113	PAGE 1 OF 1
COLLECTOR Jim Lockridge	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR SUMNER, LC	REQUIRED TAT 30 Days
SAMPLING LOCATION D0051, I-10	PROJECT DESIGNATION M-24 216-B-3 Pond Opportunistic Sampling - water	FIELD LOGBOOK NO. HNF-N-645 9-87	ACTUAL SAMPLE DEPTH 188.4	PURCHASE ORDER/CHARGE CODE 900447
ICE CHEST NO. N/A	OFFSITE PROPERTY NO. N/A	SAF NO. F21-049	PURCHASE ORDER/CHARGE CODE 900447	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ Lee Group, Inc./Center for Laboratory Sciences	PRESERVATION Cool <=6C	BILL OF LADING/AIR BILL NO. N/A	256210073 5.4	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	48 Hours	P	1	125ml	N/A		
B40F33	No	WATER					MAR 22 2021 1253	✓

CHAIN OF POSSESSION	DATE/TIME	SIGN/ PRINT NAMES	DATE/TIME	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM Jim Lockridge	MAR 22 2021 1335	RECEIVED BY/STORED IN Lesly Wall CPMC	MAR 22 2021 1335	TRVL-21-053 (1) 300.0 ANIONS IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0 ANIONS IC: COMMON (Add-on) {Phosphorus in phosphate};
Lesly Wall CPMC	MAR 22 2021 1438	JJ Embury	MAR 22 2021 1438	

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/24/2021	FSR ID = FSR103275	TRVL NUM = TRVL-21-053	A-6003-618 (REV 3)

W103184

RJ Lee Group Inc

Client: Central Plateau Cleanup Company, LLC (Env) Project: Anions COC #: F21-049	Project Manager: Krystin Gilman Project Number: 74392 SDG Number: RJLG21C0073 PO #: 900447
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<u>Report To:</u> Central Plateau Cleanup Company, LLC (Env) Heather Medley PO Box 1464 Richland, WA 99352 Phone: (509) 373-6909 Fax:	<u>Invoice To:</u> 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: 4/21/2021 (22 day TAT)	
Received By: JJ Furlong	Date Received: 03/22/21 14:38
Logged In By: JJ Furlong	Date Logged In: 03/22/21 14:49

Samples Received at:	5.4°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
W103184-01	B40F33	Anions by EPA 300	Non-Potable Water	03/22/21 12:53	22	4/20/2021
	F21-049-113					