GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171
gel.com

December 11, 2025

Ms. Heather Medley
Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington 99352

Re: SAF T26
Work Order: 752274
SDG: GEL752274

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 13, 2025. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4505.

Sincerely,

Heather Shaffer

Heather Shaffer
Project Manager

Purchase Order: 901893-7H
Chain of Custody: T26-007-006, T26-007-012 and T26-007-013
Enclosures

problem solved

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Sample Issue Resolution

SAMPLE ISSUE RESOLUTION (SIR) REPORT

NOTE: Complete form in accordance with **SGRP-PRO-SMP-50015**, *Sample Management and Reporting Sample Issued Resolution and Problem and Discrepancy Process*

SIR Number: SIR26-0128	Rev. Number: 0	Date Initiated: 11/20/2025

Sample Event Information

SAF Number(s):	T26-007
Laboratory:	GEL

Sampling Information

Number of Samples:	1
Sample Number(s):	B4P2F0
Sample Matrix:	WATER
SDG Number(s):	GEL752274

Issue Background

Class:	Chain of Custody Issue
Type:	Incorrect - Relinquish/Receive By Date/Time
Description:	For COC T26-007-013 (Sample #B4P2F0), the final "Received By" field is missing the time.

Resolution

Proposed Resolution:	Document and close.
Final Resolution:	Document and close. Please include a copy of the SIR in the final data package.

Submitted By:

COFFMAN, BAYLEE C	11/20/2025
Print First and Last Name	*Date*

Accepted By:

SHAFFER, H	11/20/2025
Print First and Last Name	*Date*

Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF T26
SDG: GEL752274

December 11, 2025

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary

Sample receipt

The sample(s) arrived at GEL Laboratories, LLC, Charleston, South Carolina on November 13, 2025, for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Items of Note All efforts were made by the lab to meet any short hold times. Samples that were analyzed outside of the initial hold time but still within 2X hold time will be noted in the lab case narrative.

Sample Identification
The laboratory received the following samples:

Laboratory Identification	Sample Description
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7

Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. GEL has received project-specific exceptions to QSM 6.0. There are no technical exceptions to QSM 6.0 other than adherence to client-defined requirements outlined in the SOW. This documentation is available upon request. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: General Narrative, Chain of Custody and Supporting Documentation, and data from the following fractions: General Chemistry and Radiochemistry.

We certify that this package is in compliance with the Analytical Laboratory Services for Central Plateau Cleanup Company Statement of Work, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this data package deliverable has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

Heather Shaffer
Project Manager

Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL752274
Work Order #: 752274

General Chemistry

Carbon, Total Organic

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7) were diluted because target analyte concentrations exceeded the calibration range.

Analyte	752274		
	001	002	003
Total Inorganic Carbon #1	10X	10X	10X
Total Inorganic Carbon #2	10X	10X	10X
Total Inorganic Carbon #3	10X	10X	10X
Total Inorganic Carbon #4	10X	10X	10X
Total Inorganic Carbon Average	10X	10X	10X

Cyanide, Free

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
Total CN levels above the MDL for Free CN were detected in samples . Free CN was performed per SOP (GL-GC-E-073).

Cyanide, Total

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions

The following samples 1206303025 (Non SDG 752264001DUP) and 1206303026 (Non SDG 752264001MS) in this sample group were diluted due to limited sample quantity.

Cyanide, Free

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Solids, Total Dissolved

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
A TDS meter was used to check the samples for approximate concentration prior to analysis. 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7).

Sulfide, Total

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Alkalinity

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Miscellaneous Information

Additional Comments
A reduced aliquot was used due to limited sample volume. 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7).

Radiochemistry

SMR_TRITIUM_LSC

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

RDL Met
The blank (See Below) did not meet the detection limit due to keeping the blank count time consistent with the other sample count times.

Sample	Analyte	Value
1206301325 (MB)	Tritium	Result 239 < MDA 484 > RDL 400 pCi/L

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Chain of Custody and Supporting Documentation

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **T26-007-012**

PAGE 1 OF 1

Collector: Harvey Brown/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: T26-007	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802	
Project Title: 200-DV-1 Perched Water, October 2025	**Logbook No.:** HNF-N-506 - 15)	**Ice Chest No.:** GWS-968	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 8859 8697 8405	
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

THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.
Low Volume Well. Do not use for QC.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4P2C8	N	W	NOV 12 2025	0900	1x60-mL G/P	2320B_ALKALINITY: COMMON	14 Days	Cool <=6C
B4P2C8	N	W			1x125-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4P2C8	N	W			1x250-mL G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4P2C8	N	W			1x125-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2C8	N	W			1x125-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2C8	N	W			1x60-mL aG	D4282_FREE_CYANIDE: COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C
B4P2C8	N	W	NOV 12 2025		1x60-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Harvey Brown/CPCCo		NOV 12 2025 1020	Mike Esparza / CPCC		NOV 12 2025 1024
Mike Esparza / CPCC		NOV 12 2025 1400	FEDEX Stacy Boone		NOV 13 2025 1005
		FedEx			

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:

Printed On 11/12/2025 FSR ID = FSR164622 Report Format: 02/29/2024

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **T26-007-013**

PAGE 1 OF 1

Collector: Harvey Brown/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: T26-007	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802	
Project Title: 200-DV-1 Perched Water, October 2025	**Logbook No.:** HNF-N-506 – 15 /	**Ice Chest No.:** GWS-908	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 8859 8697 8665	
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

THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.
Low Volume Well. Do not use for QC.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4P2F0	N	W	NOV 12 2025	0925	1x60-mL G/P	2320B_ALKALINITY: COMMON	14 Days	Cool <=6C
B4P2F0	N	W	"	"	1x125-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4P2F0	N	W	"	"	1x250-mL G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4P2F0	N	W	"	"	1x125-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2F0	N	W	"	"	1x125-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2F0	N	W	NOV 12 2025	"	1x60-mL aG	D4282_FREE_CYANIDE: COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Harvey Brown/CPCCo		NOV 12 2025 1020	Mike Esparza / CPCC		NOV 12 2025 1020
Mike Esparza / CPCC		NOV 12 2025 1400	FEDEX Stacy Boone	Stacy Boone	NOV 13 2025
		FedEx			

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:

Printed On 11/12/2025 **FSR ID =** FSR164652 Report Format: 02/29/2024

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **T26-007-006**

PAGE 1 OF 1

Collector: Harvey Brown/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: T26-007	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802	
Project Title: 200-DV-1 Perched Water, October 2025	**Logbook No.:** HNF-N-506 -151	**Ice Chest No.:** 6WS-908	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 8859 8697 8065	
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

THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.
Low Volume Well. Do not use for QC.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4P2F7	N	W	NOV 12 2025	0824	1x60-mL G/P	2320B_ALKALINITY: COMMON	14 Days	Cool <=6C
B4P2F7	N	W			1x125-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4P2F7	N	W			1x250-mL G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4P2F7	N	W			1x125-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2F7	N	W			1x125-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4P2F7	N	W	NOV 12 2025	N	1x60-mL aG	D4282_FREE_CYANIDE: COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Harvey Brown/CPCCo		NOV 12 2025 0859	Mike Esparza / CPCC		NOV 12 2025 0850
Mike Esparza / CPCC		NOV 12 2025 1400	FEDEX Stacy Boone		NOV 13 2025 1005
		FedEx			

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:

Printed On 11/11/2025 **FSR ID =** FSR164519

Report Format: 02/29/2024

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC | SDG/AR/COC/Work Order: 752274 | GEL PM: HS

Received By: Stacy Boone | Date Received at GEL: 11/13/25

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR4-24 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
8859 7608 5168	1c				
8697 8665	1c				
8771 1379	1c				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A) Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?	✓		COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?	✓		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No✓ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials SDG GEL752274 Date 11/17/25

☐ Continuation Form Required when selected

Data Review Qualifier Definitions

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 (843) 556-8171

Project Specific Qualifier Definitions for GEL Client Code: CPRC

Qualifier	Qualifier Definition	Department	Fraction
*	Duplicate analysis not within control limits	Inorganics	
>	Result greater than quantifiable range or greater than upper limit of the analysis range	General Chemistry	
+	Correlation coefficient for Method of Standard Additions (MSA) is < 0.995	Inorganics	
<	Sample is below the EPA guidance level for Reactive Releasable Cyanide and/or Reactive Releasable Sulfide	General Chemistry	
A	The TIC is a suspected aldol-condensation product	Organics	Semi-Volatile
B	The analyte was detected in both the associated QC blank and in the sample.	Organics	
B	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).	General Chemistry	
B	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).	Inorganics	Metals
B	The analyte was detected in the associated method blank >/= MDC or >5% sample activity.	Radiological	
C	Target analyte was detected in the sample and the associated blank. The associated blank concentration is >= EQL or is > 5% of the measured concentration and/or decision level for associated samples.	Inorganics	Metals
C	Target analyte was detected in the sample and the associated blank. The associated blank concentration is >= EQL or is > 5% of the measured concentration and/or decision level for associated samples.	General Chemistry	
C	Analyte has been confirmed by GC/MS analysis	Organics	Pesticide
D	Results are reported from a diluted aliquot of sample.		
E	Concentration exceeds the calibration range of the instrument	Organics	
E	Reported value is estimated due to interferences. See comment in narrative.		
J	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated	Organics	
M	Duplicate precision not met.	Inorganics	Metals
N	Spike Sample recovery is outside control limits.		
O	Analyte failed to recover within LCS limits (0rganics only)	Organics	
P	Aroclor target analyte with greater than 25% difference between column analyses.	Organics	
S	Reported value determined by the Method of Standard Additions (MSA)	Inorganics	
T	Spike and/or spike duplicate sample recovery is outside control limits.	Organics	
U	Analyzed for but not detected above the MDL, MDA, MDC or LOD.		
W	Post-digestion spike recovery for GFAA out of control limit. Sample absorbency < 50% of spike absorbency.	Inorganics	
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
Y	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
Z	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
UX	Gamma Spectroscopy--Uncertain identification	Radiological	
O	Analyte failed to recover within LCS limits	Radiological	Rad
H	Laboratory holding time exceeded before the sample was analyzed.		

Laboratory Certifications

List of current GEL Certifications as of 11 December 2025

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

General Chem Analysis

Case Narrative

General Chemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL752274
Work Order #: 752274

Product: **Carbon, Total Organic**
Analytical Method: SW846 9060A
Analytical Procedure: GL-GC-E-093 REV# 23
Analytical Batch: 2899763

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206304271	Method Blank (MB)
1206304272	Laboratory Control Sample (LCS)
1206304273	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7) were diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	752274		
	001	002	003
Total Inorganic Carbon #1	10X	10X	10X
Total Inorganic Carbon #2	10X	10X	10X
Total Inorganic Carbon #3	10X	10X	10X
Total Inorganic Carbon #4	10X	10X	10X
Total Inorganic Carbon Average	10X	10X	10X

Product: **Cyanide, Free**
Analytical Method: D4282_FREE_CYANIDE
Analytical Procedure: GL-GC-E-073 REV# 11
Analytical Batches: 2897569 and 2899874

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206299572	Method Blank (MB)
1206299573	Laboratory Control Sample (LCS)
1206299574	751671006(NonSDG) Sample Duplicate (DUP)
1206304481	751386005(NonSDG) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
Total CN levels above the MDL for Free CN were detected in samples . Free CN was performed per SOP (GL-GC-E-073).

Product: **Cyanide, Total**
Analytical Method: 9012_CYANIDE
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2898373

Preparation Method: 9012_CYANIDE
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2898370

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206301152	Method Blank (MB)
1206301153	Laboratory Control Sample (LCS)
1206303025	752264001(NonSDG) Sample Duplicate (DUP)
1206303026	752264001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 1206303025 (Non SDG 752264001DUP) and 1206303026 (Non SDG 752264001MS) in this sample group were diluted due to limited sample quantity. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Product: **Solids, Total Dissolved**
Analytical Method: 2540C_TDS
Analytical Procedure: GL-GC-E-001 REV# 23
Analytical Batch: 2898684

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206301747	Method Blank (MB)
1206301748	Laboratory Control Sample (LCS)
1206301755	752470001(NonSDG) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
A TDS meter was used to check the samples for approximate concentration prior to analysis. 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7).

Product: **Sulfide, Total**
Analytical Method: 4500D_SULFIDE
Analytical Procedure: GL-GC-E-052 REV# 14
Analytical Batch: 2899724

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206304188	Method Blank (MB)
1206304189	Laboratory Control Sample (LCS)
1206304194	752720012(NonSDG) Matrix Spike (MS)
1206304195	752720012(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Alkalinity**
Analytical Method: 2320B_ALKALINITY
Analytical Procedure: GL-GC-E-033 REV# 18
Analytical Batch: 2902989

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
752274002	B4P2F0
752274003	B4P2F7
1206309821	Laboratory Control Sample (LCS)
1206309822	Laboratory Control Sample (LCS)
1206309823	Laboratory Control Sample Duplicate (LCSD)
1206309824	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Miscellaneous Information

Additional Comments
A reduced aliquot was used due to limited sample volume. 752274001 (B4P2C8), 752274002 (B4P2F0) and 752274003 (B4P2F7).

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL752274 GEL Work Order: 752274

The Qualifiers in this report are defined as follows:

B The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).

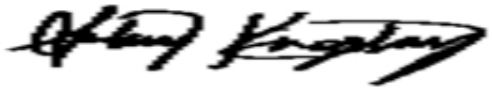
D Results are reported from a diluted aliquot of sample.

U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature:  **Name: Aubrey Kingsbury**

Date: 09 DEC 2025 **Title: Analyst III**

Sample Data Summary

GEL LABORATORIES LLC
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Certificate of Analysis

Report Date: December 9, 2025

Company :	Central Plateau Cleanup Company
Address :	200 East / MO-277 / 108 PO Box 1600 Richland, Washington 99352
Contact:	Ms. Heather Medley
Project:	SAF T26

Client Sample ID:	B4P2C8	Project:	CPRC0T26
Sample ID:	752274001	Client ID:	CPRC003
Matrix:	WATER		
Collect Date:	12-NOV-25 09:00		
Receive Date:	13-NOV-25		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
9060_TOC/TIC: COMMON "As Received"												
Total Inorganic Carbon #1	D	66000	3300	10000	ug/L		10	KB3	11/17/25	1804	2899763	1
Total Inorganic Carbon #2	D	62400	3300	10000	ug/L		10					
Total Inorganic Carbon #3	D	61000	3300	10000	ug/L		10					
Total Inorganic Carbon #4	D	61900	3300	10000	ug/L		10					
Total Inorganic Carbon Average	D	62800	3300	10000	ug/L		10					
Total Organic Carbon #1		1970	330	1000	ug/L		1	KB3	11/17/25	2024	2899763	2
Total Organic Carbon #2		1980	330	1000	ug/L		1					
Total Organic Carbon #3		2090	330	1000	ug/L		1					
Total Organic Carbon #4		2030	330	1000	ug/L		1					
Total Organic Carbon Average		2020	330	1000	ug/L		1					
Flow Injection Analysis												
9012_CYANIDE (TOTAL): COMMON "As Received"												
Cyanide, Total	U	1.67	1.67	5.00	ug/L	1.00	1	KLP1	11/17/25	1152	2898373	3
D4282_CN (FREE): COMMON "As Received"												
Free Cyanide	U	1.00	1.00	2.00	ug/L		1	KLP1	11/17/25	1454	2899874	4
Solids Analysis												
2540C_TDS: COMMON "As Received"												
Total Dissolved Solids		2320000	4760	20000	ug/L			SC1	11/14/25	1603	2898684	5
Spectrometric Analysis												
4500_Sulfide: COMMON "As Received"												
Total Sulfide	U	33.0	33.0	100	ug/L		1	BR2	11/17/25	1506	2899724	6
Titration and Ion Analysis												
2320_ALKALINITY: COMMON (Alkalinity only) "As Received"												
Alkalinity, Total as CaCO3		311000	1120	3080	ug/L			IS2	11/24/25	1113	2902989	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9010C Distillation	SW846 9010C Prep	GP1	11/14/25	1622	2898370

GEL LABORATORIES LLC
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Certificate of Analysis

Report Date: December 9, 2025

Company :	Central Plateau Cleanup Company
Address :	200 East / MO-277 / 108 PO Box 1600 Richland, Washington 99352
Contact:	Ms. Heather Medley
Project:	SAF T26

Client Sample ID:	B4P2C8	Project:	CPRC0T26
Sample ID:	752274001	Client ID:	CPRC003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A	
2	SW846 9060A	
3	9012_CYANIDE	
4	D4282_FREE_CYANIDE	
5	2540C_TDS	
6	4500D_SULFIDE	
7	2320B_ALKALINITY	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 9, 2025

Company :	Central Plateau Cleanup Company
Address :	200 East / MO-277 / 108 PO Box 1600 Richland, Washington 99352
Contact:	Ms. Heather Medley
Project:	SAF T26

Client Sample ID:	B4P2F0	Project:	CPRC0T26
Sample ID:	752274002	Client ID:	CPRC003
Matrix:	WATER		
Collect Date:	12-NOV-25 09:25		
Receive Date:	13-NOV-25		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
9060_TOC/TIC: COMMON "As Received"												
Total Inorganic Carbon #1	D	63300	3300	10000	ug/L		10	KB3	11/17/25	1836	2899763	1
Total Inorganic Carbon #2	D	61600	3300	10000	ug/L		10					
Total Inorganic Carbon #3	D	60900	3300	10000	ug/L		10					
Total Inorganic Carbon #4	D	60700	3300	10000	ug/L		10					
Total Inorganic Carbon Average	D	61600	3300	10000	ug/L		10					
Total Organic Carbon #1		2590	330	1000	ug/L		1	KB3	11/17/25	2056	2899763	2
Total Organic Carbon #2		2570	330	1000	ug/L		1					
Total Organic Carbon #3		2650	330	1000	ug/L		1					
Total Organic Carbon #4		2580	330	1000	ug/L		1					
Total Organic Carbon Average		2600	330	1000	ug/L		1					
Flow Injection Analysis												
9012_CYANIDE (TOTAL): COMMON "As Received"												
Cyanide, Total	B	1.68	1.67	5.00	ug/L	1.00	1	KLP1	11/17/25	1153	2898373	3
D4282_CN (FREE): COMMON "As Received"												
Free Cyanide	U	1.00	1.00	2.00	ug/L		1	KLP1	11/20/25	1516	2897569	4
Solids Analysis												
2540C_TDS: COMMON "As Received"												
Total Dissolved Solids		2090000	4760	20000	ug/L			SC1	11/14/25	1603	2898684	5
Spectrometric Analysis												
4500_Sulfide: COMMON "As Received"												
Total Sulfide	U	33.0	33.0	100	ug/L		1	BR2	11/17/25	1506	2899724	6
Titration and Ion Analysis												
2320_ALKALINITY: COMMON (Alkalinity only) "As Received"												
Alkalinity, Total as CaCO3		262000	1100	3030	ug/L			IS2	11/24/25	1115	2902989	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9010C Distillation	SW846 9010C Prep	GP1	11/14/25	1622	2898370

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Certificate of Analysis

Report Date: December 9, 2025

Company :	Central Plateau Cleanup Company
Address :	200 East / MO-277 / 108 PO Box 1600 Richland, Washington 99352
Contact:	Ms. Heather Medley
Project:	SAF T26

Client Sample ID:	B4P2F0	Project:	CPRC0T26
Sample ID:	752274002	Client ID:	CPRC003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A	
2	SW846 9060A	
3	9012_CYANIDE	
4	D4282_FREE_CYANIDE	
5	2540C_TDS	
6	4500D_SULFIDE	
7	2320B_ALKALINITY	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 9, 2025

Company : Central Plateau Cleanup Company
Address : 200 East / MO-277 / 108
PO Box 1600
Richland, Washington 99352
Contact: Ms. Heather Medley
Project: SAF T26

Client Sample ID: B4P2F7
Sample ID: 752274003
Matrix: WATER
Collect Date: 12-NOV-25 08:27
Receive Date: 13-NOV-25
Collector: Client

Project: CPRC0T26
Client ID: CPRC003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Carbon Analysis												
9060_TOC/TIC: COMMON "As Received"												
Total Inorganic Carbon #1	D	57200	3300	10000	ug/L		10	KB3	11/17/25	1907	2899763	1
Total Inorganic Carbon #2	D	55400	3300	10000	ug/L		10					
Total Inorganic Carbon #3	D	54500	3300	10000	ug/L		10					
Total Inorganic Carbon #4	D	53100	3300	10000	ug/L		10					
Total Inorganic Carbon Average	D	55000	3300	10000	ug/L		10					
Total Organic Carbon #1		2610	330	1000	ug/L		1	KB3	11/17/25	2127	2899763	2
Total Organic Carbon #2		2530	330	1000	ug/L		1					
Total Organic Carbon #3		2730	330	1000	ug/L		1					
Total Organic Carbon #4		2630	330	1000	ug/L		1					
Total Organic Carbon Average		2630	330	1000	ug/L		1					
Flow Injection Analysis												
9012_CYANIDE (TOTAL): COMMON "As Received"												
Cyanide, Total	U	1.67	1.67	5.00	ug/L	1.00	1	KLP1	11/17/25	1154	2898373	3
D4282_CN (FREE): COMMON "As Received"												
Free Cyanide	U	1.00	1.00	2.00	ug/L		1	KLP1	11/17/25	1454	2899874	4
Solids Analysis												
2540C_TDS: COMMON "As Received"												
Total Dissolved Solids		2290000	4760	20000	ug/L			SC1	11/14/25	1603	2898684	5
Spectrometric Analysis												
4500_Sulfide: COMMON "As Received"												
Total Sulfide	U	33.0	33.0	100	ug/L		1	BR2	11/17/25	1506	2899724	6
Titration and Ion Analysis												
2320_ALKALINITY: COMMON (Alkalinity only) "As Received"												
Alkalinity, Total as CaCO3		285000	1100	3030	ug/L			IS2	11/24/25	1117	2902989	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9010C Distillation	SW846 9010C Prep	GP1	11/14/25	1622	2898370

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 9, 2025

Company :	Central Plateau Cleanup Company
Address :	200 East / MO-277 / 108 PO Box 1600 Richland, Washington 99352
Contact:	Ms. Heather Medley
Project:	SAF T26

Client Sample ID:	B4P2F7	Project:	CPRC0T26
Sample ID:	752274003	Client ID:	CPRC003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9060A	
2	SW846 9060A	
3	9012_CYANIDE	
4	D4282_FREE_CYANIDE	
5	2540C_TDS	
6	4500D_SULFIDE	
7	2320B_ALKALINITY	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

Quality Control Summary

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: December 9, 2025

Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington

Contact: **Ms. Heather Medley**

Workorder: **752274**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Carbon Analysis											
Batch 2899763											
QC1206304272 LCS											
Total Carbon Average	20000			20700	ug/L		104	(80%-120%)	KB3	11/17/25	17:33
Total Inorganic Carbon Average	10000			10500	ug/L		105	(80%-120%)			
Total Organic Carbon Average	10000			10200	ug/L		102	(80%-120%)			
QC1206304273 LCSD											
Total Carbon Average	20000			20900	ug/L	0.831	105	(0%-20%)		11/17/25	17:49
Total Inorganic Carbon Average	10000			10700	ug/L	1.51	107	(0%-20%)			
Total Organic Carbon Average	10000			10200	ug/L	0.118	102	(0%-20%)			
QC1206304271 MB											
Total Carbon Average			U	330	ug/L					11/17/25	17:18
Total Inorganic Carbon Average			U	330	ug/L						
Total Organic Carbon Average			U	330	ug/L						
Flow Injection Analysis											
Batch 2897569											
QC1206299574 751671006 DUP											
Free Cyanide	U	1.00	U	1.00	ug/L	N/A			KLP1	11/20/25	15:16
QC1206304481 751386005 DUP											
Free Cyanide	U	1.00	U	1.00	ug/L	N/A				11/20/25	15:16

GEL LABORATORIES LLC
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QC Summary

Workorder: **752274**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2897569										
QC1206299573 LCS										
Free Cyanide	25.0			24.3	ug/L		97	(80%-120%)	KLP1	11/20/25 15:16
QC1206299572 MB										
Free Cyanide			U	1.00	ug/L					11/20/25 15:16
Batch 2898373										
QC1206303025 752264001 DUP										
Cyanide, Total	U	2.09	U	2.09	ug/L	N/A			KLP1	11/17/25 11:50
QC1206301153 LCS										
Cyanide, Total	50.0			46.3	ug/L		92.6	(80%-120%)		11/17/25 11:48
QC1206301152 MB										
Cyanide, Total			U	1.67	ug/L					11/17/25 11:47
QC1206303026 752264001 MS										
Cyanide, Total	125 U	2.09		96.5	ug/L		76.2	(75%-125%)		11/17/25 11:51
Solids Analysis										
Batch 2898684										
QC1206301755 752470001 DUP										
Total Dissolved Solids		393000		406000	ug/L	3.25		(0%-20%)	SC1	11/14/25 16:03
QC1206301748 LCS										
Total Dissolved Solids	300000			296000	ug/L		98.7	(80%-120%)		11/14/25 16:03
QC1206301747 MB										
Total Dissolved Solids			U	2380	ug/L					11/14/25 16:03

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QC Summary

Workorder: **752274**

Parmname			NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Spectrometric Analysis													
Batch 2899724													
QC1206304189 LCS													
Total Sulfide			400				403	ug/L		101	(80%-120%)	BR2	11/17/25 15:06
QC1206304188 MB													
Total Sulfide						U	33.0	ug/L					11/17/25 15:06
QC1206304194	752720012	MS											
Total Sulfide			400	U	33.0		406	ug/L		102	(75%-125%)		11/17/25 15:07
QC1206304195	752720012	MSD											
Total Sulfide			400	U	33.0		408	ug/L	0.273	102	(0%-20%)		11/17/25 15:07
Titration and Ion Analysis													
Batch 2902989													
QC1206309821 LCS													
Alkalinity, Total as CaCO3			15000				13800	ug/L		92	(80%-120%)	IS2	11/24/25 10:55
QC1206309822 LCS													
Alkalinity, Total as CaCO3			50000				53000	ug/L		106	(80%-120%)		11/24/25 10:56
QC1206309823 LCSD													
Alkalinity, Total as CaCO3			15000				14200	ug/L	2.86	94.7	(0%-20%)		11/24/25 10:57
QC1206309824 LCSD													
Alkalinity, Total as CaCO3			50000				52800	ug/L	0.378	106	(0%-20%)		11/24/25 10:58

Notes:

The Qualifiers in this report are defined as follows:

U U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

B B The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).

D D Results are reported from a diluted aliquot of sample.

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: **752274**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Radiological Analysis

Case Narrative

Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL752274
Work Order #: 752274

Product: **SMR_TRITIUM_LSC**
Analytical Method: TRITIUM_LSC
Analytical Procedure: GL-RAD-A-002 REV# 24
Analytical Batch: 2898446

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
752274001	B4P2C8
1206301325	Method Blank (MB)
1206301326	752306001(NonSDG) Sample Duplicate (DUP)
1206301327	752306001(NonSDG) Matrix Spike (MS)
1206301328	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

RDL Met
The blank (See Below) did not meet the detection limit due to keeping the blank count time consistent with the other sample count times.

Sample	Analyte	Value
1206301325 (MB)	Tritium	Result 239 < MDA 484 > RDL 400 pCi/L

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL752274 GEL Work Order: 752274

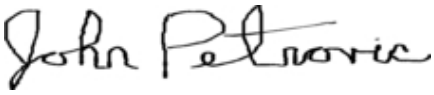
The Qualifiers in this report are defined as follows:

U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature:  **Name: John Petrovic**

Date: 10 DEC 2025 **Title: Data Validator II**

Sample Data Summary

Rad
Certificate of Analysis
Sample Summary

SDG Number:	**GEL752274**	**Client:**	**CPRC003**	**Project:**	**CPRC0T26**
Lab Sample ID:	**752274001**	**Date Collected:**	**11/12/2025 09:00**	**Matrix:**	**WATER**
		Date Received:	**11/13/2025 10:05**		
Client ID:	**B4P2C8**			**Prep Basis:**	**"As Received"**
Batch ID:	**2898446**	**Method:**	**TRITIUM_LSC**	**SOP Ref:**	**GL-RAD-A-002**
Run Date:	**11/16/2025 11:10**	**Analyst:**	**MG6**	**Instrument:**	**LSCSAGE**
Data File:	**T2898446.xls**	**Aliquot:**	**50 mL**	**Count Time:**	**30 min**
Prep Batch:	**2898446**	**Prep Method:**	**EPA 906.0 Modified**		
Prep Date:	**11/14/2025 09:08**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		7250	pCi/L	+/-608	1530	481	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

Comments:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The MDC is a sample specific MDC.

Quality Control Data

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: December 10, 2025
Page 1 of 1

Client : **Central Plateau Cleanup Company**
200 East / MO-277 / 108
PO Box 1600
Richland, Washington **99352**
Contact: **Ms. Heather Medley**

Workorder: **752274**

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Liquid Scintillation									
Batch 2898446									
QC1206301325 MB									
Tritium			U	239	pCi/L			MG6	11/16/2513:47
	Uncert:			+/-287					
	TPU:			+/-290					
QC1206301326 752306001 DUP									
Tritium		1530		1570	pCi/L				11/16/2514:19
	Uncert:	+/-365		+/-370		RPD: 2	(0% - 100%)		
	TPU:	+/-470		+/-478		RER: 0.106	(0-2)		
QC1206301327 752306001 MS									
Tritium	4770	1530		6380	pCi/L	REC: 102	(75%-125%)		11/16/2514:50
	Uncert:	+/-365		+/-583					
	TPU:	+/-470		+/-1360					
QC1206301328 LCS									
Tritium	4770			4320	pCi/L	REC: 90.6	(80%-120%)		11/16/2515:22
	Uncert:			+/-498					
	TPU:			+/-973					

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

U U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.