



a member of The GEL Group INC



2040 Savage Road | Charleston, SC 29407  
843.556.8171

[gel.com](http://gel.com)

February 16, 2026

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

Re: SAF S26-002  
Work Order: 762496  
SDG: GEL762496

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on February 03, 2026. 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](http://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,

A handwritten signature in black ink that reads "Kierra McKnight".

Kierra McKnight for  
Heather Shaffer  
Project Manager

Purchase Order: 901852-7H  
Chain of Custody: S26-002-060  
Enclosures

## Table of Contents

Case Narrative.....1  
Chain of Custody and Supporting Documentation.5  
Data Review Qualifier Definitions.....8  
Laboratory Certifications.....10  
Metals Analysis.....12  
    Case Narrative.....13  
    Sample Data Summary.....16  
    Quality Control Summary.....19

# Case Narrative

**General Narrative  
for  
Central Plateau Cleanup Company (89223)  
SAF S26-002  
SDG: GEL762496**

**February 16, 2026**

**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 February 03, 2026, 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:

<b>Laboratory Identification</b>	<b>Sample Description</b>
762496001	B4RK64
762496002	B4RK66

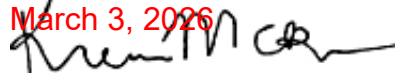
**Case Narrative**

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. Documentation of these exceptions is included in the Project Management section of the data package. 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: Metals.

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.



Kierra McKnight for  
Heather Shaffer  
Project Manager

**Metals**  
**Technical Case Narrative**  
**Central Plateau Cleanup Company**  
**SDG #: GEL762496**  
**Work Order #: 762496**

**Determination of Metals by ICP-MS**

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.

**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

762496

C.O.C. # S26-002-060

PAGE 1 OF 1

<b>Collector:</b> Dale Harder / CPCC	<b>Contact/Requester:</b> Karen Waters-Husted	<b>Telephone No.:</b> 509-376-4650
<b>SAF No.:</b> S26-002	<b>Sampling Origin:</b> Hanford Site	<b>Purchase Order/Charge Code:</b> 901852
<b>Project Title:</b> SURV, February 2026	<b>Logbook No.:</b> HNF-N-506 154/18	<b>Ice Chest No.:</b> GWS-947
<b>Shipped To (Lab):</b> GEL Laboratories, LLC	<b>Method of Shipment:</b> Commercial Carrier	<b>Bill of Lading/Air Bill No.:</b> 8884 14625020
<b>Protocol:</b> SURV	<b>Priority:</b> 30 Days	<b>Offsite Property No.:</b> N/A

<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b> ** ** 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	<b>SPECIAL INSTRUCTIONS</b> N/A
--	------------------------------------

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4RK64	N	W	FEB 02 2026	1043	1x500-mL G/P	SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4RK66	Y	W	FEB 02 2026	1043	1x500-mL G/P	SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2

Relinquished By			Received By			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
<i>Print First and Last Name</i>	<i>Signature</i>	<i>Date/Time</i>	<i>Print First and Last Name</i>	<i>Signature</i>	<i>Date/Time</i>	
Dale Harder / CPCC		FEB 02 2026 1050	Bob Parks / CPCC		FEB 02 2026 1050	
Bob Parks / CPCC		FEB 02 2026 1400	FED EX		FEB 03 2026 1130	
<b>FINAL SAMPLE DISPOSITION</b>	Disposal Method (e.g., Return to customer, per lab procedure, used in process):				Disposed By:	Date/Time:

GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM			
Client: <u>CPRC</u>		SDG/AR/COC/Work Order: <u>762496</u>		GEL PM: <u>HS</u>	
Received By: <u>EG</u>		Date Received at GEL: <u>2/3/26</u>			
Carrier (Circle-Applicable) <input checked="" type="checkbox"/> FedEx Express <input type="checkbox"/> FedEx Ground <input type="checkbox"/> UPS <input type="checkbox"/> Field Services <input type="checkbox"/> Courier <input type="checkbox"/> Client <input type="checkbox"/> Other:		IR Temp gun # <u>IR5-23</u>		Daily Calibration Performed? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radlochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radlochem only).
<u>8884 1462 5020</u>	<u>3</u>				
<u>8884 0570 9341</u>	<u>5</u>				
<u>8884 0471 6211</u>	<u>2</u>				
<u>8884 0857 5861</u>	<u>4</u>				
<u>8884 0783 5403</u>	<u>4</u>				
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?			<input checked="" type="checkbox"/>	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?		<input checked="" type="checkbox"/>		COC notation or radioactive stickers on containers equal client designation.	
C) Did the RSO classify the samples as radioactive?		<input checked="" type="checkbox"/>		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>80</u> CPM/mR/Hr Classified as: <input checked="" type="checkbox"/> Rad 1 <input checked="" type="checkbox"/> Rad 2 <input type="checkbox"/> Rad 3	
D) Are there any sample hazards to document?			<input checked="" type="checkbox"/>	If yes, select Hazards below: PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other: _____	
E) Was a SDS received and reviewed by Lab Safety?			<input checked="" type="checkbox"/>	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?	<input checked="" type="checkbox"/>			Circle Applicable: Direct client droppoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>			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)?	<input checked="" type="checkbox"/>			Preservation Method: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None <input type="checkbox"/> Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damagod container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>			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.)	<input checked="" type="checkbox"/>			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?	<input checked="" type="checkbox"/>			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	<input checked="" type="checkbox"/>			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>			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?	<input checked="" type="checkbox"/>			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?			<input checked="" type="checkbox"/>	
12	COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>			Circle Applicable: Not relinquished Other (describe)
Comments:					
PM (or PMA) review: Initials <u>HS</u> Date <u>02/04/2026</u>					
<input type="checkbox"/> Continuation Form Required when selected					

# **Data Review Qualifier Definitions**

## 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 (Organics 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.		
O	Analyte failed to recover within LCS limits	Inorganics	Metals
O	Analyte failed to recover within LCS limits	General Chemistry	General Chem

# Laboratory Certifications

**List of current GEL Certifications as of 16 February 2026**

<b>State</b>	<b>Certification</b>
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	SC000122025-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

# Metals Analysis

# Case Narrative

**Metals**  
**Technical Case Narrative**  
**Central Plateau Cleanup Company**  
**SDG #: GEL762496**  
**Work Order #: 762496**

**Product: Determination of Metals by ICP-MS****Analytical Method:** SW846 3005A/6020B**Analytical Procedure:** GL-MA-E-014 REV# 37**Analytical Batch:** 2939321**Preparation Method:** SW846 3005A**Preparation Procedure:** GL-MA-E-006 REV# 15**Preparation Batch:** 2939320

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

<b><u>GEL Sample ID#</u></b>	<b><u>Client Sample Identification</u></b>
762496001	B4RK64
762496002	B4RK66
1206369098	Method Blank (MB) <b>ICP-MS Batch 2939321</b>
1206369099	Laboratory Control Sample (LCS)
1206369103	762496001(B4RK64L) Serial Dilution (SD)
1206369100	762496001(B4RK64S) Matrix Spike (MS)
1206369101	762496001(B4RK64SD) Matrix Spike Duplicate (MSD)

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.

**Calibration Information****ICSA/ICSAB Statement**

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

**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: GEL762496 GEL Work Order: 762496

**The Qualifiers in this report are defined as follows:**

\* Duplicate analysis not within control limits

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: Edmund Frampton****Date: 12 FEB 2026****Title: Group Leader**

# Sample Data Summary





# Quality Control Summary

**GEL LABORATORIES LLC**

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

*QC Summary*

Report Date: February 12, 2026

Page 1 of 1

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

Contact: Ms. Heather Medley

Workorder: 762496

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
<b>Metals Analysis - ICPMS</b>											
Batch	2939321										
QC1206369099	LCS										
Chromium	50.0			49.3	ug/L		98.5	(80%-120%)	BAJ	02/09/26	14:53
QC1206369098	MB										
Chromium			U	3.00	ug/L					02/09/26	14:50
QC1206369100	762496001	MS									
Chromium	50.0	B	6.73	57.9	ug/L		102	(75%-125%)		02/09/26	14:59
QC1206369101	762496001	MSD									
Chromium	50.0	B	6.73	56.1	ug/L	3.13	98.8	(0%-20%)		02/09/26	15:01
QC1206369103	762496001	SDILT									
Chromium		B	6.73	DU	15.0	ug/L	N/A	(0%-20%)		02/09/26	15:07

**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.

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.