SDG : GEL794223
Workorder : 794223
SAF X26-034
Central Plateau Cleanup Company (89223)

GEL Laboratories LLC
a member of The GEL Group INC

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

September 29, 2026

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

Re: SAF X26-034
Work Order: 794223
SDG: GEL794223

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on September 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.

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,

Latarsha Green for
Heather Shaffer
Project Manager

Purchase Order: 901852 - 7H
Chain of Custody: X26-034-071, X26-034-072, X26-034-086, X26-034-111 and X26-034-112
Enclosures

problem solved

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Case Narrative

Chain of Custody

Data Review Qualifier

Certs/QSM Waiver

Rad Analysis

Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF X26-034
SDG: GEL794223

September 29, 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 September 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.

The laboratory preserved the following containers:
No containers were preserved at GEL

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
794223001	B4W3K6
794223002	B4W3K7
794223003	B4W2W5
794223004	B4W3P2
794223005	B4W3P5

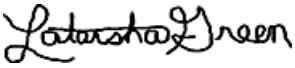
Case Narrative

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: 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.



Latarsha Green for
Heather Shaffer
Project Manager

Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL794223
Work Order #: 794223

SMR_SR_RAD_GPC

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

Recounts
Samples 794223001 (B4W3K6), 794223002 (B4W3K7) and 794223003 (B4W2W5) were verified by recounting at least five days from the separation date. The recounts are reported.

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

794223

C.O.C. # X26-034-071

PAGE 1 OF 1

Collector:	Scott Morris CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	X26-034	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	AQUIFER TUBES, September 2026	**Logbook No.:**	HNF-N-506 -152	**Ice Chest No.:**	GWS-911
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	876662344833
Protocol:	SURV	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4W3K6	N	W	SEP 0 2 2026	0818	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		SEP 0 2 2026 1755	Janelle Zunker CPCCo		SEP 0 2 2026 1755
Janelle Zunker CPCCo		SEP 0 2 2026 1400 FedEx	FEDEX		
			Stacy Boone		SEP 0 3 2026 920

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 7/1/2026 FSR ID = FSR172839 Report Format: 02/29/2024

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

794223

C.O.C. # X26-034-072

PAGE 1 OF 1

Collector:	Scott Morris CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	X26-034	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	AQUIFER TUBES, September 2026	**Logbook No.:**	HNF-N-506 -152	**Ice Chest No.:**	(GWS-91)
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	776623448 33
Protocol:	SURV	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4W3K7	N	W	SEP 0 2 2026	0818	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		SEP 0 2 2026 1255	Janelle Zunker CPCCo		SEP 0 2 2026 1255
Janelle Zunker CPCCo		SEP 0 2 2026 1400	FEDEX		
FedEx			Stacy Boone	Stacy Boone	SEP 0 3 2026 920

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 7/1/2026

FSR ID = FSR172839

Report Format: 02/29/2024

Chain of Custody

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

794223

C.O.C. # X26-034-086

PAGE 1 OF 1

Collector: Scott Morris CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: X26-034	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852
Project Title: AQUIFER TUBES, September 2026	**Logbook No.:** HNF-N-506 -152	**Ice Chest No.:** GWS-911
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 871662349833
Protocol: SURV	**Priority:** 30 Days	**Offsite Property No.:** N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4W2W5	N	W	SEP 0 1 2026	1201	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		SEP 0 1 2026 1300	Harvey Brown/CPCCo		SEP 0 1 2026 1300
Harvey Brown/CPCCo		SEP 0 1 2026 1310	SSU-1		SEP 0 1 2026 1310
SSU-1		SEP 0 2 2026 0715	Harvey Brown/CPCCo		SEP 0 2 2026 0715
Harvey Brown/CPCCo		SEP 0 2 2026 1400	FEDEX		
		FedEx	Stacy Boone	Stacy Boone	SEP 0 3 2026 920

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 7/1/2026

FSR ID = FSR172848

Report Format: 02/29/2024

Chain of Custody HOME

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

794223

C.O.C. # X26-034-111

PAGE 1 OF 1

Collector: Scott Morris CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: X26-034	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852	
Project Title: AQUIFER TUBES, September 2026	**Logbook No.:** HNF-N-506-152	**Ice Chest No.:** 6 WS-911	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 876662344833	
Protocol: SURV	**Priority:** 30 Days	**Offsite Property No.:** N/A	

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4W3P2	N	W	SEP 0 2 2026	1030	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		SEP 0 2 2026 1755	Janelle Zunker CPCCo		SEP 0 2 2026 1755
Janelle Zunker CPCCo		SEP 0 2 2026 1400	FEDEX		
		FedEx	Stacy Boone		SEP 0 3 2026 920

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 7/1/2026

FSR ID = FSR172901

Report Format: 02/29/2024

Chain of Custody

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

794223

C.O.C. # **X26-034-112**

PAGE 1 OF 1

Collector: Scott Morris CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: X26-034	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852	
Project Title: AQUIFER TUBES, September 2026	**Logbook No.:** HNF-N-506 – 152	**Ice Chest No.:** GWS-911	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 876662344833	
Protocol: SURV	**Priority:** 30 Days	**Offsite Property No.:** N/A	

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

N/A

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4W3P5	N	W	SEP 0 1 2026	1000	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		SEP 0 1 2026 1300	Harvey Brown/CPCCo		SEP 0 1 2026 1300
Harvey Brown/CPCCo		SEP 0 1 2026 1310	SSU-1		SEP 0 1 2026 1310
SSU-1		SEP 0 2 2026 0715	Harvey Brown/CPCCo		SEP 0 2 2026 0715
Harvey Brown/CPCCo		SEP 0 2 2026 1400	FEDEX		
		FedEx	Stacy Boone		SEP 0 3 2026 920
			Stacy Boone		

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 7/1/2026 FSR ID = FSR172902 Report Format: 02/29/2024

Chain of Custody

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GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC | SDG/AR/COC/Work Order: 794223 | GEL PM: HS

Received By: Stacy Boone | Date Received at GEL: SEPT 3, 2026

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

IR Temp gun #R9-23 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).
8766 6234 4833	1°				

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 YG Date 09/03/2026

Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

Chain of Custody

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

Laboratory Certifications and QSM Waiver

List of current GEL Certifications as of 29 September 2026

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	2025022
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	2026-139
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	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

GEL Laboratories LLC

QSM 6.0 Compliance Waiver Form (Alternative Client Waivers Accepted)

Please complete the sections below if a project-specific plan requires a waiver from QSM 6.0 requirements. This form ensures that the client has formally notified the laboratory of any deviations from QSM 6.0 that are necessary for their project needs. Per QSM 6.0, all waivers must be approved by the customer-identified technical point of contact and include project-specific technical justification.

Instructions:

1. Provide detailed information for each requirement.
2. Mark any non-applicable sections as 'N/A'.
3. Contact your project manager for clarification if needed.
4. Submit form to your Project Manager

		If the criteria below is specified in the SOW, simply state: SOW specifies criteria
Requirement	**Details**	**Client Exception / Technical Justification**
1. Market Type or End Use of Data	DOD / DOE QSM 6.0	N/A Contract with GEL stipulates compliance with QSM (Please note that specifications listed in statement of work (SOW) supersede QSM requirements)
2. Data Package Requirements	**Check** Items **NOT** required in each package: 7.8.2.1.ee Standard Traceability ☑ 7.8.2.1.ff Instrument output (raw data) ☑ 7.8.2.1.gg Instrument or sequence run logs ☑ (**Note: All items listed above will be included unless waived by the client**) **7.8.2.1.x Waiver from QSM requirements** ☑	The items listed are required for CPCCo standalone data packages and in the sample delivery group purge file. The items are not required for summary data packages. This is SOW specific criteria Sections 4.6 and 8.3.
3. Data Reporting	QSM 6.0 requires "non-detects" to be reported as < PTRL or < LOQ (Chemistry) or < Critical Level (Rad) How should non-detects (U qualified results) be reported for this project? - Chemistry: MDL ☑ PQL ☐ LOD ☐ CRDL ☐ - Radiochemistry: MDA ☑ Critical Level ☐	SOW specifies criteria.
4. Qualifiers	Apply QSM Specific Qualifiers? Or Client Specific Qualifiers (Provided)?	SOW specifies criteria – Appendix D

5. Method Blank Criteria	**Chemistry**: Any target analyte exceeds 1/2 the LOQ or 1/10th the amount measured in any associated sample, whichever is greater. Any common laboratory contaminant exceeds the LOQ or 1/10th the amount measured in any associated sample, whichever is greater. **Radiochemistry**: Acceptance criteria shall be: |ZBlank| ≤ 3	SOW specifies criteria.
6. Laboratory Control Sample Criteria	**Chemistry**: QSM 6.0 Appendix C Limits **Radiochemistry**: Control limit for |ZLCS| ≤ 3	SOW specifies criteria – Appendix B.
7. Appendix B Quality Control Requirements:	Apply Appendix B Quality Control Requirements to all applicable tests? (**Note: All QC requirements listed in Appendix B will be applied unless waived by the client**)	QSM Appendix B QC requirements are to be followed EXCEPT method blanks, LCS/LCSD, MS/MSD recoveries and RPDs, surrogate recoveries, tracer/carrier recoveries, and matrix duplicate RPD. SOW specifies criteria for method blanks, LCS/LCSD, MS/MSD recoveries and RPDs, surrogate recoveries, tracer/carrier recoveries, and matrix duplicate RPD.
8. Additional QSM Requirement(s): Data Reporting	*Note: Please list all additional QSM 6.0 exceptions* **Check** Items **NOT** required in each package: 7.8.2.1.v manual integration chromatograms 7.8.2.1.w LOD/LOQ verification data for infrequent method 7.8.2.1.dd sample preparation records	The items listed are required for CPCCo standalone data packages and in the sample delivery group purge file. The items are not required for summary data packages. This is SOW specific criteria Sections 4.6 and 8.3.

Agreement

By signing this form, the client confirms that the above waiver is accurate. Changes requested after data reporting may incur additional charges.

Medley, Heather A Digitally signed by Medley, Heather A Date: 2025.06.24 12:01:38 -07'00'

Technical Point of Contact: _Heather Medley_____ Signature:_____ Date:_____

Email: _heather_a_medley@rl.gov_____ Phone: __509-373-6909_____

Client Name: _____

Project ID: _____ Contract #: _____ GEL Quote #: _____

Certs/QSM Waiver

HOME

Radiological Analysis

Case Narrative

Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL794223
Work Order #: 794223

Product: **SMR_SR_RAD_GPC**
Analytical Method: SR_RAD_GPC
Analytical Procedure: GL-RAD-A-004 REV# 23
Analytical Batch: 3049998

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

GEL Sample ID#	Client Sample Identification
794223001	B4W3K6
794223002	B4W3K7
794223003	B4W2W5
794223004	B4W3P2
794223005	B4W3P5
1206571110	Method Blank (MB) **Batch 3049998**
1206571111	792497002(NonSDG) Sample Duplicate (DUP)
1206571112	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.

Technical Information

Recounts
Samples 794223001 (B4W3K6), 794223002 (B4W3K7) and 794223003 (B4W2W5) were verified by recounting at least five days from the separation date. The recounts are reported.

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: GEL794223 GEL Work Order: 794223

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: Kate Gellatly**

Date: 29 SEP 2026 **Title: Data Validator II**

Sample Data Summary

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL794223**	**Client:**	**CPRC003**	**Project:**	**CPRC0X26034**
Lab Sample ID:	**794223001**	**Date Collected:**	**09/02/2026 08:18**	**Matrix:**	**WATER**
		Date Received:	**09/03/2026 09:20**		
Client ID:	**B4W3K6**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/19/2026 08:01**	**Analyst:**	**ST2**	**Instrument:**	**PIC2A**
Data File:	**S3049998r1.xls**	**Aliquot:**	**316.4 mL**	**Count Time:**	**60 min**
Prep Batch:	**3049998**	**Prep Method:**	**EPA 905.0 Modified/DOE RP5**		
Prep Date:	**09/08/2026 07:43**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90		5.34	pCi/L	+/-0.912	1.55	0.799	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.10	4.53	mg	90.6	(40%-110%)

Comments:

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

The MDC is a sample specific MDC.

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL794223**	**Client:**	**CPRC003**	**Project:**	**CPRC0X26034**
Lab Sample ID:	**794223002**	**Date Collected:**	**09/02/2026 08:18**	**Matrix:**	**WATER**
		Date Received:	**09/03/2026 09:20**		
Client ID:	**B4W3K7**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/19/2026 08:01**	**Analyst:**	**ST2**	**Instrument:**	**PIC2D**
Data File:	**S3049998r1.xls**	**Aliquot:**	**304.6 mL**	**Count Time:**	**60 min**
Prep Batch:	**3049998**	**Prep Method:**	**EPA 905.0 Modified/DOE RP5**		
Prep Date:	**09/08/2026 07:43**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90		4.33	pCi/L	+/-0.827	1.30	0.795	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.40	4.53	mg	97.2	(40%-110%)

Comments:

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

The MDC is a sample specific MDC.

GEL Laboratories LLC

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Rad
Certificate of Analysis
Sample Summary

SDG Number:	**GEL794223**	**Client:**	**CPRC003**	**Project:**	**CPRC0X26034**
Lab Sample ID:	**794223003**	**Date Collected:**	**09/01/2026 12:01**	**Matrix:**	**WATER**
		Date Received:	**09/03/2026 09:20**		
Client ID:	**B4W2W5**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/19/2026 08:01**	**Analyst:**	**ST2**	**Instrument:**	**PIC3C**
Data File:	**S3049998r1.xls**	**Aliquot:**	**326.1 mL**	**Count Time:**	**60 min**
Prep Batch:	**3049998**	**Prep Method:**	**EPA 905.0 Modified/DOE RP5**		
Prep Date:	**09/08/2026 07:43**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90		19.8	pCi/L	+/-1.53	4.83	0.696	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.50	4.53	mg	99.4	(40%-110%)

Comments:

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

The MDC is a sample specific MDC.

Sample Summary

HOME

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL794223**	**Client:**	**CPRC003**	**Project:**	**CPRC0X26034**
Lab Sample ID:	**794223004**	**Date Collected:**	**09/02/2026 10:30**	**Matrix:**	**WATER**
		Date Received:	**09/03/2026 09:20**		
Client ID:	**B4W3P2**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/14/2026 13:12**	**Analyst:**	**ST2**	**Instrument:**	**PIC7D**
Data File:	**S3049998r1.xls**	**Aliquot:**	**320.4 mL**	**Count Time:**	**60 min**
Prep Batch:	**3049998**	**Prep Method:**	**EPA 905.0 Modified/DOE RP5**		
Prep Date:	**09/08/2026 07:43**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90	U	-0.893	pCi/L	+/-0.594	0.595	1.58	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	3.00	4.53	mg	66.3	(40%-110%)

Comments:

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

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

The MDC is a sample specific MDC.

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL794223**	**Client:**	**CPRC003**	**Project:**	**CPRC0X26034**
Lab Sample ID:	**794223005**	**Date Collected:**	**09/01/2026 10:00**	**Matrix:**	**WATER**
		Date Received:	**09/03/2026 09:20**		
Client ID:	**B4W3P5**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/14/2026 13:12**	**Analyst:**	**ST2**	**Instrument:**	**PIC9A**
Data File:	**S3049998r1.xls**	**Aliquot:**	**309.5 mL**	**Count Time:**	**60 min**
Prep Batch:	**3049998**	**Prep Method:**	**EPA 905.0 Modified/DOE RP5**		
Prep Date:	**09/08/2026 07:43**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90	U	0.120	pCi/L	+/-0.521	0.522	0.986	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.90	4.53	mg	108	(40%-110%)

Comments:

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

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: September 29, 2026
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: **794223**

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Gas Flow									
Batch 3049998									
QC1206571110 MB									
Strontium-90			U	-0.492	pCi/L			ST2	09/14/2613:12
	Uncert:			+/-0.506					
	TPU:			+/-0.506					
**Strontium Carrier	4.53			4.30	mg	REC: 95	(40%-110%)		
QC1206571111 792497002 DUP									
Strontium-90	U	-0.303	U	0.320	pCi/L				09/14/2613:12
	Uncert:	+/-0.709		+/-0.541		RPD: 0	N/A		
	TPU:	+/-0.710		+/-0.546		RER: 1.36	(0-2)		
**Strontium Carrier	4.53	4.00		4.30	mg	REC: 95	(40%-110%)		
QC1206571112 LCS									
Strontium-90	63.4			62.1	pCi/L	REC: 97.9	(80%-120%)		09/14/2613:12
	Uncert:			+/-3.79					
	TPU:			+/-15.4					
**Strontium Carrier	4.53			4.00	mg	REC: 88	(40%-110%)		

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.