GEL Laboratories LLC
a member of The GEL Group INC

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

April 28, 2025

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

Re: SAF T25
Work Order: 719603
SDG: GEL719603

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on January 17, 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: T25-024-012
Enclosures

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Recheck, Recount, or Reanalysis Order

RECHECK, RECOUNT, OR REANALYSIS ORDER

04/10/2025

Order Number: **250410GEL-R11569**

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407

Sample Delivery Group: GEL704755

Method Name: 6020_METALS_ICPMS

Sample#: B4KB47 Sample Date: 1/16/2025 10:11:00 AM SAF #: T25-024

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
704755003	4/10/2025 12:01:44 PM	Chromium	REANALYZE	15 Days / 15 Days
Special Instructions:	Sample swap suspected. Please confirm.			
704755003	4/10/2025 12:01:44 PM	Uranium	REANALYZE	15 Days / 15 Days
Special Instructions:	Sample swap suspected. Please confirm.			

Sample Delivery Group: GEL705038

Method Name: 6020_METALS_ICPMS

Sample#: B4K5K6 Sample Date: 1/16/2025 11:05:00 AM SAF #: I25-008

Lab Sample ID	RDR Action Start Date	Constituent	Action	TAT (Hardcopy/EDD)
705038001	4/10/2025 12:01:44 PM	Uranium	REANALYZE	15 Days / 15 Days
Special Instructions:	Sample swap suspected. Please confirm.			

Deliver Report Results to: CPPCo
P.O. Box 1600
Richland, WA 99352
C/O Heather Medley

Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF T25
SDG: GEL719603

April 28, 2025

Laboratory Identification:

The GEL Group, Inc.

Summary

Sample receipt

The sample(s) arrived at GEL Laboratories, LLC, Charleston, South Carolina on January 17, 2025, for analysis. The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. This SDG was a client request for reanalysis. Please see the enclosed RDR11569 for further details.

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 sample:

Laboratory Identification	Sample Description
719603001	B4KB47

Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. 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.

Heather Shaffer
Project Manager

Metals
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL719603
Work Order #: 719603

Determination of Metals by ICP-MS

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
Sample 719603001 (B4KB47) was diluted to ensure that the analyte concentration was within the linear calibration range of the instrument.

Analyte	719603
	001
Uranium	100X

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

7047755

C.O.C. # **T25-024-010**

PAGE 1 OF 2

Collector:	Dale Harder / CPCC	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	T25-024	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901802
Project Title:	200-DV-1 Perched Water, January 2025	**Logbook No.:**	HNF-N-506 145	**Ice Chest No.:**	GWS-925
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	7714 8427 0626
Protocol:	CERCLA	**Priority:**	~~30 Days~~ JG 1-9-25 15 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB73	N	W	JAN 16 2025	1104	1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C
B4KB73	N	W			1x250-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4KB73	N	W			1x1-L G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4KB73	N	W			4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB73	N	W			1x250-mL aG	9014_CN (FREE): COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C
B4KB73	N	W			1x250-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB73	N	W			1x250-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB73	N	W	JAN 16 2025	1104	1x250-mL G/P	SMR_C14_LSC	6 Months	None

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Dale Harder / CPCC		JAN 16 2025 1120	Janelle Zunkel CPCC		JAN 16 2025 1120
Janelle Zunkel CPCC		JAN 16 2025 1120	FEDEX		
		FedEx	Stacy Boone	Stacy Boone	JAN 17 2025 925

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:

GEL719603 SDG GEL719603

GEL719603

April 30, 2025

Rev. 0 (RDR)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 704755	C.O.C. # T25-024-010 PAGE 2 OF 2

Collector:	Dale Harder / CPCC	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	T25-024	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901802
Project Title:	200-DV-1 Perched Water, January 2025	**Logbook No.:**	HNF-N-506 145	**Ice Chest No.:**	GWS-925
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	7714 8427 0626
Protocol:	CERCLA	**Priority:**	~~30 Days~~ SD 1-9-25 15 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB73	N	W	JAN 16 2025	1104	1x250-mL G/P	SMR_TC99_LSC	6 Months	HNO3 to pH <2
B4KB73	N	W	JAN 16 2025	1104	1x250-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*
Dale Harder / CPCC		JAN 16 2025 1120	Janelle Zunker CPCC		JAN 16 2025 1120
Janelle Zunker CPCC		JAN 16 2025 1120 FedEx	FEDEX Stacy Boone		JAN 17 2025 925

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:

GEL719603 SDG GEL719603
GEL719603
April 30, 2025
Rev. 0 (RDR)

Central Plateau Cleanup Company

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CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 704755

C.O.C. # **T25-024-011**

PAGE 1 OF 2

Collector: Dale Harder / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-506 145	**Ice Chest No.:** GWS-905
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7714 8413 5827
Protocol: CERCLA	**Priority:** ~~30 Days~~ 10 19-25 15 Days	**Offsite Property No.:** N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

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

SPECIAL INSTRUCTIONS

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB74	N	W	JAN 16 2025	1104	1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C
B4KB74	N	W			1x250-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4KB74	N	W			1x1-L G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4KB74	N	W			4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB74	N	W			1x250-mL aG	9014_CN (FREE): COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C
B4KB74	N	W			1x250-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB74	N	W			1x250-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB74	N	W	JAN 16 2025	1104	1x250-mL G/P	SMR_C14_LSC	6 Months	None

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Dale Harder / CPCC		JAN 16 2025 1120	Janelle Zunker CPCC		JAN 16 2025 1120
Janelle Zunker CPCC		JAN 16 2025 1400 FedEx	Stacy Boone FEDEX		JAN 17 2025 925

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 11/21/2024 FSR ID = FSR152386 Report Format: 02/29/2024

GEL719603
April 30, 2025
Rev. 0 (RDR)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 704755	C.O.C. # T25-024-011 PAGE 2 OF 2

Collector:	Dale Harder / CPCC	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	T25-024	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901802
Project Title:	200-DV-1 Perched Water, January 2025	**Logbook No.:**	HNF-N-506 145	**Ice Chest No.:**	GWS-905
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	7714 8413 5827
Protocol:	CERCLA	**Priority:**	~~30 Days~~ JH 1-9-25 15 Days	**Offsite Property No.:**	N/A

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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB74	N	W	JAN 16 2025	1104	1x250-mL G/P	SMR_TC99_LSC	6 Months	HNO3 to pH <2
B4KB74	N	W	JAN 16 2025	1104	1x250-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*
Dale Harder / CPCC		JAN 16 2025 1120	Janelle Zunker CPCC		JAN 16 2025 1120
Janelle Zunker CPCC		JAN 16 2025 1400 FedEx	FEDEX		
			Stacy Boone		JAN 17 2025 925

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 11/21/2024 FSR ID = FSR152386 Report Format: 02/29/2024

GEL719603
April 30, 2025
Rev. 0 (RDR)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 704755 88 lbs.	C.O.C. # T25-024-012 PAGE 1 OF 2

Collector: Dale Harder / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-506 145	**Ice Chest No.:** 6ws-90
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7714 8373 9888
Protocol: CERCLA	**Priority:** ~~30 Days~~ JD 1-9-25 15 Days	**Offsite Property No.:** N/A

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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB47	Y	W	JAN 16 2025	1011	1x500-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	6 Months	HNO3 to pH <2
B4KB86	N	W			1x250-mL G/P	2320_ALKALINITY: COMMON	14 Days	Cool <=6C
B4KB86	N	W			1x250-mL G/P	2540C_TDS: COMMON	7 Days	Cool <=6C
B4KB86	N	W			1x1-L G/P	4500D_SULFIDE: COMMON	7 Days	ZnAc+NaOH to pH > 9 / Cool <=6C
B4KB86	N	W			4x40-mL aGs*	8260_VOA_GCMS_IX: COMMON REV 1	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB86	N	W			1x250-mL aG	9014_CN (FREE): COMMON; 9012_CYANIDE (TOTAL): COMMON	14 Days	NaOH to pH >=12 / Cool <=6C
B4KB86	N	W			1x250-mL aG	9060_TIC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C
B4KB86	N	W	JAN 16 2025	1011	1x250-mL aG	9060_TOC: COMMON	28 Days	HCl or H2SO4 to pH <2 / Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Dale Harder / CPCC		JAN 16 2025 1120	Janelle Zunker CPCC		JAN 16 2025 1120
Janelle Zunker CPCC		JAN 16 2025 1400 FedEx	FEDEX Stacy Burr		JAN 17 2025 925

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:

GEL719603
April 30, 2025
Rev. 0 (RDR)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 704755	C.O.C. # T25-024-012 PAGE 2 OF 2

Collector: Dale Harder / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-506 145	**Ice Chest No.:** Gws-900
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7714 8573 9886
Protocol: CERCLA	**Priority:** ~~30 Days~~ JH 1-9-25 15 Days	**Offsite Property No.:** N/A

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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
BKKB86	N	W	JAN 16 2025	1011	1x500-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	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*
Dale Harder / CPCC		JAN 16 2025 1110	Janelle Zunker CPCC		JAN 16 2025 1120
Janelle Zunker CPCC		JAN 16 2025 1440	Stacy Boone FEDEX		JAN 17 2025 925
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 11/21/2024 FSR ID = FSR152387 Report Format: 02/29/2024

GEL719603
April 30, 2025
Rev. 0 (RDR)
GEL719603

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC	SDG/AR/COC/Work Order: 719755
Received By: STACY BOONE	Date Received: JANUARY 17, 2025
Carrier and Tracking Number	Circle Applicable: FedEx Express FedEx Ground UPS Field Services Courier Other

Suspected Hazard Information	Yes	No	
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): 1 CPM / mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
D	Did the client designate samples are hazardous?		✓	COC notation or hazard labels on containers equal client designation.
E	Did the RSO identify possible hazards?		✓	If D or E is yes, select Hazards below. PCB's Flammable Foreign Soil RCRA Asbestos Beryllium Other:

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: 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	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures are recorded in Celsius TEMP:___
4	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: IR3-24 Secondary Temperature Device Serial # (If Applicable):
5	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
6	Samples requiring chemical preservation at proper pH?	✓			Sample ID's and Containers Affected: If Preservation added, Lot#:
7	Do any samples require Volatile Analysis?	✓			If Yes, are Encores or Soil Kits present for solids? Yes___ No___ NA___ (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 ID's and containers affected:
8	Samples received within holding time?	✓			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
11	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Other (describe)
12	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
13	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials WWS Date 1/20/25 Page 1 of 2

GL-CHL-SR-001 Rev 7

CEL | Laboratories LLC SAMPLE RECEIPT & REVIEW CONTINUATION FORM

Client: CPRC Received By: SB Date Received: 1/17/25 SDG/AR/COC/Work Order: 704755

7714	7896	8435	1c
	8373	9888	1c
	7603	1095	1c
	8199	7195	1c
	8427	0626	1c
	8247	4164	1c
	7882	5278	1c
	7619	9337	1c
	8399	3218	1c
	8215	8663	1c
	7865	1100	1c
	8276	9884	1c
	8262	9914	1c
	7638	1926	1c
	8413	5827	1c
	8230	2265	1c
	8383	8417	1c

PM (or PMA) review: Initials MM Date 1/20/25 Page 2 of 2

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
U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.		
J	Value is estimated		
P	Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.	Organics	
C	Analyte has been confirmed by GC/MS analysis	Organics	Pesticide
B	The target analyte was detected in the associated blank.	Organics	
E	Concentration of the target analyte exceeds the instrument calibration range	Organics	
A	The TIC is a suspected aldol-condensation product	Organics	Semi-Volatile
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
N	Metals--The Matrix spike sample recovery is not within specified control limits	Inorganics	
*	A quality control analyte recovery is outside of specified acceptance criteria		
N	Organics--Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor	Organics	Semi-Volatile
H	Analytical holding time was exceeded		
**	Analyte is a surrogate compound	Organics	
<	Result is less than value reported		
>	Result is greater than value reported		
UI	Gamma Spectroscopy--Uncertain identification	Radiological	
BD	Results are either below the MDC or tracer recovery is low	Radiological	
h	Preparation or preservation holding time was exceeded		
R	Sample results are rejected		
Z	Paint Filter Test--Particulates passed through the filter, however no free liquids were observed.	General Chemistry	General Chem
d	5-day BOD--The 2:1 depletion requirement was not met for this sample	General Chemistry	
B	Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL	Inorganics	Metals
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.		
D	Results are reported from a diluted aliquot of the sample	Organics	
N/A	RPD or %Recovery limits do not apply.		
ND	Analyte concentration is not detected above the detection limit		
E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria	Inorganics	Metals
M	M if above MDC and less than LLD	Radiological	
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
FA	Failed analysis.	Radiological	Bioassay
E	General Chemistry--Concentration of the target analyte exceeds the instrument calibration range	General Chemistry	General Chem
JNX	Non Calibrated Compound	Organics	Volatile
UJ	Compound cannot be extracted	Organics	Semi-Volatile

Project Specific Qualifier Definitions for GEL Client Code: CPRC

Qualifier	Qualifier Definition	Department	Fraction
UJ	Gamma Spectroscopy--Uncertain identification	Radiological	Rad
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.		
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.	Radiological	
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.	Radiological	
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.	Radiological	
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies	Inorganics	Metals
N1	See case narrative		
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.	Inorganics	
Y	QC Samples were not spiked with this compound	Organics	
R	Per section 9.3.4.1 of Method 1664 Revision B, due to matrix spike recovery issues, this result may not be reported or used for regulatory compliance purposes.	General Chemistry	General Chem
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.	Radiological	Rad
**	Analyte is a Tracer compound	Radiological	
B	The target analyte was detected in the associated blank.	General Chemistry	
N	Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor	Organics	Volatile
e	5-day BOD--Test replicates show more than 30% difference between high and low values. The data is qualified per the method and can be used for reporting purposes	General Chemistry	General Chem
M	REMP Result > MDC/CL and < RDL	Radiological	
I	Analyte does not meet the Ion Abundance Ratio and should be considered an estimated concentration.	Organics	LC-MS/MS
FG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
XG	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
G	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier	Organics	LC-MS/MS
x	Subaliquot was taken. See Case Narrative for details.		

Laboratory Certifications

List of current GEL Certifications as of 28 April 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 Approv	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 L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Metals Analysis

Case Narrative

Metals
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL719603
Work Order #: 719603

Product: **Determination of Metals by ICP-MS**
Analytical Method: SW846 3005A/6020B
Analytical Procedure: GL-MA-E-014 REV# 37
Analytical Batch: 2782181

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2782180

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

GEL Sample ID#	Client Sample Identification
719603001	B4KB47
1206071494	Method Blank (MB)**ICP-MS**
1206071495	Laboratory Control Sample (LCS)
1206071499	719603001(B4KB47L) Serial Dilution (SD)
1206071496	719603001(B4KB47S) Matrix Spike (MS)
1206071497	719603001(B4KB47SD) 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.

Technical Information

Sample Dilutions
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. Sample 719603001 (B4KB47) was diluted to ensure that the analyte concentration was within the linear calibration range of the instrument.

Analyte	**719603 001**
Uranium	100X

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: GEL719603 GEL Work Order: 719603

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.

N/A

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: 28 APR 2025 **Title: Group Leader**

Sample Data Summary

METALS
-1-
INORGANICS ANALYSIS DATA PACKAGE

SDG No: GEL719603 **CONTRACT:** CPRC0T25 **METHOD TYPE:** SW846

SAMPLE ID: 719603001 **LEVEL:** Low **DATE COLLECTED:** 16-JAN-25

CLIENT ID: B4KB47 **%SOLIDS:** 0 **DATE RECEIVED:** 17-JAN-25

MATRIX: WATER **Dissolved Metals** **BASIS:** Filtered

CAS	Analyte	Result	Units	Qual	MDL	PQL	CRDL	DF	M*	Analyst	Run Date	Analytical Run	Analytical Batch
7440-47-3	Chromium	38.7	ug/L		3.00	10.0	10.0	1	MS	BAJ	04/21/25 17:43	250421-2	2782181
7440-61-1	Uranium	22000	ug/L	D	6.70	20.0	20.0	100	MS	BAJ	04/22/25 14:43	250422-1	2782181

Prep Information:

Analytical Batch	Prep Batch	Prep Method	Initial wt./vol.	Units	Final wt./vol.	Units	Date	Analyst
2782181	2782180	SW846 3005A	50	mL	50	mL	04/19/25	BB2

***Analytical Methods:**

MS **SW846 3005A/6020B**

Quality Control Summary

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

QC Summary

Report Date: April 28, 2025

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

Contact: **Ms. Heather Medley**

Workorder: **719603**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis - ICPMS											
Batch 2782181											
QC1206071495 LCS											
Chromium	50.0				50.5	ug/L		101	(80%-120%)	BAJ	04/21/25 17:40
Uranium	50.0				47.1	ug/L		94.2	(80%-120%)		04/22/25 14:37
QC1206071494 MB											
Chromium				U	3.00	ug/L					04/21/25 17:37
Uranium				U	0.0670	ug/L					04/22/25 14:34
QC1206071496 719603001 MS											
Chromium	50.0		38.7		85.9	ug/L		94.3	(75%-125%)		04/21/25 17:46
Uranium	50.0	D	22000	D	22200	ug/L		N/A	(75%-125%)		04/22/25 14:46
QC1206071497 719603001 MSD											
Chromium	50.0		38.7		84.7	ug/L	1.34	92	(0%-20%)		04/21/25 17:49
Uranium	50.0	D	22000	D	20600	ug/L	7.28	N/A	(0%-20%)		04/22/25 14:49
QC1206071499 719603001 SDILT											
Chromium			38.7	BD	7.89	ug/L	1.83		(0%-20%)		04/21/25 17:55
Uranium		D	220	D	42.3	ug/L	3.97		(0%-20%)		04/22/25 14:52

Notes:

The Qualifiers in this report are defined as follows:

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

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

QC Summary

Workorder: **719603**

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

X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
N	Spike Sample recovery is outside control limits.
*	Duplicate analysis not within control limits
Z	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
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.
E	Reported value is estimated due to interferences. See comment in narrative.
M	Duplicate precision not met.
S	Reported value determined by the Method of Standard Additions (MSA)
W	Post-digestion spike recovery for GFAA out of control limit. Sample absorbency < 50% of spike absorbency.
Y	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
+	Correlation coefficient for Method of Standard Additions (MSA) is < 0.995
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.
H	Laboratory holding time exceeded before the sample was analyzed.

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.