SDG : GEL793821
Workorder : 793821
SAF I26-026
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 30, 2026

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

Re: SAF I26-026
Work Order: 793821
SDG: GEL793821

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on September 02, 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,

Heather Shaffer

Heather Shaffer
Project Manager

Purchase Order: 901852 + 7H
Chain of Custody: I26-026-027, I26-026-049, I26-026-050 and I26-026-051
Enclosures

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Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF I26-026
SDG: GEL793821

September 30, 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 02, 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
793821001	B4VK71
793821002	B4VK27
793821003	B4VK28
793821004	B4VK32

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.

Heather Shaffer
Project Manager

Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL793821
Work Order #: 793821

SMR_UISO_AEA

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.

SMR_PUISO_AEA

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.

SMR_AM241_AEA

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.

SMR_SR_RAD_GPC

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.

SMR_CL36_GPC

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.

SMR_PU241_LSC

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.

SMR_TRITIUM_LSC

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.

SMR_SE79_LSC

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.

SMR_C14_LSC

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

Miscellaneous Information

Additional Comments
The matrix spike, 1206583054 (B4VK71MS), aliquot was reduced to conserve sample volume and support completion of the required analysis with the available sample volume.

SMR_TC99_LSC

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

793821

C.O.C. # **I26-026-027**

PAGE 1 OF 1

Collector: Anthony Noggles / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650	
SAF No.: I26-026	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852	
Project Title: AEA, August 2026	**Logbook No.:** HNF-N-506 -156	**Ice Chest No.:** 6WS-802	
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 876593931836	
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
B4VK71	N	W	AUG 31 2026	1015	2x1-L G/P	SMR_AM241_AEA; SMR_PU241_LSC; SMR_PUISO_AEA; SMR_UISO_AEA	6 Months	HNO3 to pH <2
B4VK71	N	W			1x500-mL G/P	SMR_C14_LSC; SMR_TRITIUM_LSC	6 Months	None
B4VK71	N	W			1x250-mL G/P	SMR_SE79_LSC	6 Months	HNO3 to pH <2
B4VK71	N	W			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*
Anthony Noggles / CPCC		AUG 31 2026 1022	Janelle Zunker CPCCo		AUG 31 2026 1022
Janelle Zunker CPCCo		AUG 31 2026 1100	SSU-1		AUG 31 2026 1100
SSU-1		SEP 01 2026 0730	Harvey Brown/CPCCo		SEP 01 2026 0730
Harvey Brown/CPCCo		SEP 01 2026 1400	FEDEX		
FedEx			Stacy Boone	Stacy Boone	SEP 02 2026 940

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 6/8/2026 FSR ID = FSR170345 Report Format: 02/29/2024

Chain of Custody

HOME

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

793821

C.O.C. # **I26-026-049**

PAGE 1 OF 1

Collector: Scott Morris CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: I26-026	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852
Project Title: AEA, August 2026	**Logbook No.:** HNF-N-506-152	**Ice Chest No.:** GWS-825
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 876583410432
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
B4VK27	N	W	AUG 3 1 2026	0730	1x500-mL G/P	SMR_C14_LSC; 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*
Scott Morris CPCCo		AUG 3 1 2026 1245	Scott Harder / CPCC		AUG 3 1 2026 1245
Scott Harder / CPCC		AUG 3 1 2026 1250	SSU-1		AUG 3 1 2026 1250
SSU-1		SEP 0 1 2026 0730	Harvey Brown/CPCCo		SEP 0 1 2026 0730
Harvey Brown/CPCCo		SEP 0 1 2026 1400	FEDEX		
FedEx			Stacy Boone		SEP 0 2 2026 940

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 6/3/2026 FSR ID = FSR170358 Report Format: 02/29/2024

Chain of Custody HOME

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

798821

C.O.C. # I26-026-050

PAGE 1 OF 1

Collector:	Scott Morris CPCCo	**Contact/Requester:**	Karen Waters-Husted	**Telephone No.:**	509-376-4650
SAF No.:	I26-026	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	AEA, August 2026	**Logbook No.:**	HNF-N-506 – 152	**Ice Chest No.:**	GWS-825
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	876583410432
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
B4VK28	N	W	AUG 3 1 2026	1646	1x500-mL G/P	SMR_C14_LSC; 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*
Scott Morris CPCCo		AUG 3 1 2026 1245	Scott Harder / CPCC		AUG 3 1 2026 1245
Scott Harder / CPCC		AUG 3 1 2026 1300	SSU-1		AUG 3 1 2026 1300
SSU-1		SEP 0 1 2026 0730	Harvey Brown/CPCCo		SEP 0 1 2026 0730
Harvey Brown/CPCCo		SEP 0 1 2026 1400	FEDEX		
		FedEx	Stacy Boone		SEP 0 2 2026 940

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 6/3/2026 FSR ID = FSR170356 Report Format: 02/29/2024

Chain of Custody

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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

793821

C.O.C. # I26-026-051

PAGE 1 OF 1

Collector: Scott Morris CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: I26-026	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901852
Project Title: AEA, August 2026	**Logbook No.:** HNF-N-506 -152	**Ice Chest No.:** GWS-825
Shipped To (Lab): GEL Laboratories, LLC	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 876583410432
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
B4VK32	N	W	AUG 3 1 2026	1119	2x1-L G/P	SMR_AM241_AEA; SMR_PU241_LSC; SMR_PUISO_AEA; SMR_UISO_AEA	6 Months	HNO3 to pH <2
B4VK32	N	W	AUG 3 1 2026	1119	1x250-mL G/P	SMR_CL36_GPC	6 Months	None
B4VK32	N	W	AUG 3 1 2026	1119	1x250-mL G/P	SMR_TC99_LSC	6 Months	HNO3 to pH <2
B4VK32	N	W	AUG 3 1 2026	1119	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*
Scott Morris CPCCo		AUG 3 1 2026 1245	Scott Harder / CPCC		AUG 3 1 2026 1245
Scott Harder / CPCC		AUG 3 1 2026 1300	SSU-1		AUG 3 1 2026 1300
SSU-1		SEP 0 1 2026 0730	Harvey Brown/CPCCo		SEP 0 1 2026 0730
Harvey Brown/CPCCo		SEP 0 1 2026 1400	FEDEX		
FedEx			Stacy Boone		SEP 0 2 2026 940

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 6/8/2026 FSR ID = FSR170357 Report Format: 02/29/2024

Chain of Custody HOME

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC

SDG/AR/COC/Work Order: 793821

GEL PM: HS

Received By: Staly Boone

Date Received at GEL: SEPTEMBER 2, 2026

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

IR Temp gun #IR9-23 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).
8765 9393 1836	1		8765 8341 0432	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): ___ 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 HS Date 09/03/2026

Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

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 (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

Data Review Qualifier

HOME

Laboratory Certifications and QSM Waiver

List of current GEL Certifications as of 30 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 #: GEL793821
Work Order #: 793821

Product: **SMR_UISO_AEA**
Analytical Method: UISO_AEA
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 3054664

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821004	B4VK32
1206580251	Method Blank (MB) **Batch 3054664**
1206580252	793821001(B4VK71) Sample Duplicate (DUP)
1206580253	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_PUISO_AEA**
Analytical Method: PUISO_AEA
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 3054666

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821004	B4VK32
1206580257	Method Blank (MB) **Batch 3054666**
1206580258	793821001(B4VK71) Sample Duplicate (DUP)
1206580259	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_AM241_AEA**
Analytical Method: AM241CMISO_AEA
Analytical Procedure: GL-RAD-A-011 REV# 30
Analytical Batch: 3054667

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821004	B4VK32
1206580260	Method Blank (MB) **Batch 3054667**
1206580261	793821001(B4VK71) Sample Duplicate (DUP)
1206580262	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **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
793821001	B4VK71
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:

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

Product: **SMR_CL36_GPC**
Analytical Method: GL-RAD-A-033
Analytical Procedure: GL-RAD-A-033 REV# 18
Analytical Batch: 3055057

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

GEL Sample ID#	Client Sample Identification
793821004	B4VK32
1206581095	Method Blank (MB) **Batch 3055057**
1206581096	793821004(B4VK32) Sample Duplicate (DUP)
1206581097	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_PU241_LSC**
Analytical Method: PU241_LSC
Analytical Procedure: GL-RAD-A-035 REV# 27
Analytical Batch: 3054668

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821004	B4VK32
1206580263	Method Blank (MB) **Batch 3054668**
1206580264	793821001(B4VK71) Sample Duplicate (DUP)
1206580265	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_TRITIUM_LSC**
Analytical Method: TRITIUM_LSC
Analytical Procedure: GL-RAD-A-002 REV# 26
Analytical Batch: 3054438

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821002	B4VK27
793821003	B4VK28
793821004	B4VK32

1206579757	Method Blank (MB) **Batch 3054438**
1206579758	793821001(B4VK71) Sample Duplicate (DUP)
1206579759	793821001(B4VK71) Matrix Spike (MS)
1206579760	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_SE79_LSC**
Analytical Method: SE79_LSC
Analytical Procedure: GL-RAD-A-031 REV# 15
Analytical Batch: 3055804

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
1206582682	Method Blank (MB) **Batch 3055804**
1206582683	793821001(B4VK71) Sample Duplicate (DUP)
1206582684	Laboratory Control Sample (LCS)

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

Data Summary:

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

Product: **SMR_C14_LSC**
Analytical Method: C14_LSC
Analytical Procedure: GL-RAD-A-003 REV# 20
Analytical Batch: 3055977

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

GEL Sample ID#	Client Sample Identification
793821001	B4VK71
793821002	B4VK27
793821003	B4VK28
1206583052	Method Blank (MB) **Batch 3055977**
1206583053	793821001(B4VK71) Sample Duplicate (DUP)
1206583054	793821001(B4VK71) Matrix Spike (MS)
1206583055	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.

Miscellaneous Information

Additional Comments
The matrix spike, 1206583054 (B4VK71MS), aliquot was reduced to conserve sample volume and support completion of the required analysis with the available sample volume.

Product: **SMR_TC99_LSC**
Analytical Method: TC99_LSC
Analytical Procedure: GL-RAD-A-059 REV# 7
Analytical Batch: 3056351

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

GEL Sample ID#	Client Sample Identification
793821004	B4VK32
1206583836	Method Blank (MB) **Batch 3056351**
1206583837	792661001(B4VK62) Sample Duplicate (DUP)
1206583838	Laboratory Control Sample (LCS)

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

Data Summary:

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

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: GEL793821 GEL Work Order: 793821

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: Lyndsey Pace**

Date: 30 SEP 2026 **Title: Analyst III Team Leader**

Sample Data Summary

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054664**	**Method:**	**UISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 07:59**	**Analyst:**	**KG3**	**Instrument:**	**1001**
Data File:	**S0793821001_UU.1A.gcnf**	**Aliquot:**	**0.40072 L**	**Count Time:**	**239.9998 min**
Prep Batch:	**3054664**	**Prep Method:**	**DOE EML HASL-300, U-02-R**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
U-233/234 *13968-55-3/13966-29-5*	Uranium-233/234		3.52	pCi/L	+/-0.626	0.814	0.269	1.00
U-235/236 *15117-96-1/13982-70-2*	Uranium-235/236		0.268	pCi/L	+/-0.217	0.220	0.241	1.00
7440-61-1	Uranium-238		3.48	pCi/L	+/-0.615	0.800	0.183	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Uranium-232 Tracer	3.43	6.74	pCi/L	50.8	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054666**	**Method:**	**PUISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 08:19**	**Analyst:**	**KG3**	**Instrument:**	**1239**
Data File:	**S0793821001_PU.1A.gcnf**	**Aliquot:**	**0.40072 L**	**Count Time:**	**240 min**
Prep Batch:	**3054666**	**Prep Method:**	**DOE EML HASL-300, Pu-11-**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
13981-16-3	Plutonium-238	U	0.0137	pCi/L	+/-0.0384	0.0385	0.0410	1.00
OER-100-70	Plutonium-239/240	U	0.0415	pCi/L	+/-0.0616	0.0618	0.0901	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Plutonium-242 Tracer	4.34	4.79	pCi/L	90.6	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054667**	**Method:**	**AM241CMISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 08:15**	**Analyst:**	**KG3**	**Instrument:**	**1112**
Data File:	**S0793821001_AM.1A.gcnf**	**Aliquot:**	**0.40072 L**	**Count Time:**	**239.9998 min**
Prep Batch:	**3054667**	**Prep Method:**	**DOE EML HASL-300, Am-05**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14596-10-2	Americium-241	U	0.0166	pCi/L	+/-0.0745	0.0745	0.146	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Americium-243 Tracer	5.96	8.86	pCi/L	67.2	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054668**	**Method:**	**PU241_LSC**	**SOP Ref:**	**GL-RAD-A-035**
Run Date:	**09/24/2026 17:30**	**Analyst:**	**JJP2**	**Instrument:**	**LSCOPAL**
Data File:	**PU3054668.xls**	**Aliquot:**	**0.40072 L**	**Count Time:**	**15 min**
Prep Batch:	**3054668**	**Prep Method:**	**DOE EML HASL-300, Pu-11-**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14119-32-5	Plutonium-241	U	-8.77	pCi/L	+/-7.18	7.18	14.2	25.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Plutonium-242 Tracer	4.34	4.79	pCi/L	90.6	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3049998**	**Method:**	**SR_RAD_GPC**	**SOP Ref:**	**GL-RAD-A-004**
Run Date:	**09/14/2026 13:16**	**Analyst:**	**ST2**	**Instrument:**	**PIC3D**
Data File:	**S3049998r1.xls**	**Aliquot:**	**301.3 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	0.317	pCi/L	+/-0.819	0.823	1.51	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	3.40	4.53	mg	75.1	(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:	GEL793821	**Client:**	CPRC003	**Project:**	CPRC0I26026
Lab Sample ID:	793821001	**Date Collected:**	08/31/2026 10:16	**Matrix:**	WATER
		Date Received:	09/02/2026 09:40		
Client ID:	B4VK71			**Prep Basis:**	"As Received"
Batch ID:	3054438	**Method:**	TRITIUM_LSC	**SOP Ref:**	GL-RAD-A-002
Run Date:	09/21/2026 16:03	**Analyst:**	IT1	**Instrument:**	LSCRUBY
Data File:	T3054438.xls	**Aliquot:**	50 mL	**Count Time:**	15 min
Prep Batch:	3054438	**Prep Method:**	EPA 906.0 Modified		
Prep Date:	09/03/2026 08:36				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		330	pCi/L	+/-194	204	274	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3055804**	**Method:**	**SE79_LSC**	**SOP Ref:**	**GL-RAD-A-031**
Run Date:	**09/24/2026 14:28**	**Analyst:**	**KH2**	**Instrument:**	**LSCCORAL**
Data File:	**SE3055804.xls**	**Aliquot:**	**0.10012 L**	**Count Time:**	**15 min**
Prep Batch:	**3055804**	**Prep Method:**	**NERC ORD**		
Prep Date:	**09/17/2026 10:09**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
15758-45-9	Selenium-79	U	6.52	pCi/L	+/-11.1	11.1	19.0	50.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Selenium Carrier	17.4	20.0	mg	87	(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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821001**	**Date Collected:**	**08/31/2026 10:16**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK71**			**Prep Basis:**	**"As Received"**
Batch ID:	**3055977**	**Method:**	**C14_LSC**	**SOP Ref:**	**GL-RAD-A-003**
Run Date:	**09/29/2026 15:48**	**Analyst:**	**MG7**	**Instrument:**	**LSCCOPPER**
Data File:	**C3055977.xls**	**Aliquot:**	**100.78 mL**	**Count Time:**	**15 min**
Prep Batch:	**3055977**	**Prep Method:**	**EPA EERF C-01 Modified**		
Prep Date:	**09/09/2026 10:16**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14762-75-5	Carbon-14	U	9.21	pCi/L	+/-20.4	20.4	34.8	50.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821002**	**Date Collected:**	**08/31/2026 07:30**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK27**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054438**	**Method:**	**TRITIUM_LSC**	**SOP Ref:**	**GL-RAD-A-002**
Run Date:	**09/21/2026 16:19**	**Analyst:**	**IT1**	**Instrument:**	**LSCRUBY**
Data File:	**T3054438.xls**	**Aliquot:**	**50 mL**	**Count Time:**	**15 min**
Prep Batch:	**3054438**	**Prep Method:**	**EPA 906.0 Modified**		
Prep Date:	**09/03/2026 08:36**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium	U	88.5	pCi/L	+/-157	158	281	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

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

Page 1 of 1

Certificate of Analysis
Sample Summary

SDG Number:	GEL793821	**Client:**	CPRC003	**Project:**	CPRC0I26026
Lab Sample ID:	793821002	**Date Collected:**	08/31/2026 07:30	**Matrix:**	WATER
		Date Received:	09/02/2026 09:40		
Client ID:	B4VK27			**Prep Basis:**	"As Received"
Batch ID:	3055977	**Method:**	C14_LSC	**SOP Ref:**	GL-RAD-A-003
Run Date:	09/29/2026 16:04	**Analyst:**	MG7	**Instrument:**	LSCCOPPER
Data File:	C3055977.xls	**Aliquot:**	100.05 mL	**Count Time:**	15 min
Prep Batch:	3055977	**Prep Method:**	EPA EERF C-01 Modified		
Prep Date:	09/09/2026 10:16				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14762-75-5	Carbon-14	U	0.819	pCi/L	+/-20.2	20.2	35.0	50.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821003**	**Date Collected:**	**08/31/2026 10:46**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK28**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054438**	**Method:**	**TRITIUM_LSC**	**SOP Ref:**	**GL-RAD-A-002**
Run Date:	**09/21/2026 16:36**	**Analyst:**	**IT1**	**Instrument:**	**LSCRUBY**
Data File:	**T3054438.xls**	**Aliquot:**	**50 mL**	**Count Time:**	**15 min**
Prep Batch:	**3054438**	**Prep Method:**	**EPA 906.0 Modified**		
Prep Date:	**09/03/2026 08:36**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		1130	pCi/L	+/-300	371	288	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

Comments:

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

The MDC is a sample specific MDC.

Rad
Certificate of Analysis
Sample Summary

SDG Number:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821003**	**Date Collected:**	**08/31/2026 10:46**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK28**			**Prep Basis:**	**"As Received"**
Batch ID:	**3055977**	**Method:**	**C14_LSC**	**SOP Ref:**	**GL-RAD-A-003**
Run Date:	**09/29/2026 16:21**	**Analyst:**	**MG7**	**Instrument:**	**LSCCOPPER**
Data File:	**C3055977.xls**	**Aliquot:**	**100.12 mL**	**Count Time:**	**15 min**
Prep Batch:	**3055977**	**Prep Method:**	**EPA EERF C-01 Modified**		
Prep Date:	**09/09/2026 10:16**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14762-75-5	Carbon-14		2940	pCi/L	+/-71.5	550	35.1	50.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

Comments:

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

The MDC is a sample specific MDC.

Rad

Certificate of Analysis
Sample Summary

SDG Number:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054664**	**Method:**	**UISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 07:59**	**Analyst:**	**KG3**	**Instrument:**	**1002**
Data File:	**S0793821004_UU.1A.gcnf**	**Aliquot:**	**0.40062 L**	**Count Time:**	**239.9998 min**
Prep Batch:	**3054664**	**Prep Method:**	**DOE EML HASL-300, U-02-R**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
U-233/234 *13968-55-3/13966-29-5*	Uranium-233/234		1.37	pCi/L	+/-0.365	0.413	0.218	1.00
U-235/236 *15117-96-1/13982-70-2*	Uranium-235/236	U	0.0370	pCi/L	+/-0.102	0.102	0.176	1.00
7440-61-1	Uranium-238		1.20	pCi/L	+/-0.334	0.373	0.129	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Uranium-232 Tracer	4.39	6.74	pCi/L	65.1	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054666**	**Method:**	**PUISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 08:19**	**Analyst:**	**KG3**	**Instrument:**	**1240**
Data File:	**S0793821004_PU.1A.gcnf**	**Aliquot:**	**0.40062 L**	**Count Time:**	**240 min**
Prep Batch:	**3054666**	**Prep Method:**	**DOE EML HASL-300, Pu-11-**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
13981-16-3	Plutonium-238	U	0.0223	pCi/L	+/-0.0587	0.0588	0.106	1.00
OER-100-70	Plutonium-239/240	U	-0.0206	pCi/L	+/-0.0332	0.0332	0.106	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Plutonium-242 Tracer	4.16	4.79	pCi/L	86.8	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054667**	**Method:**	**AM241CMISO_AEA**	**SOP Ref:**	**GL-RAD-A-011**
Run Date:	**09/17/2026 08:18**	**Analyst:**	**KG3**	**Instrument:**	**1233**
Data File:	**S0793821004_AM.1A.gcnf**	**Aliquot:**	**0.40062 L**	**Count Time:**	**240 min**
Prep Batch:	**3054667**	**Prep Method:**	**DOE EML HASL-300, Am-05**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14596-10-2	Americium-241	U	-0.0514	pCi/L	+/-0.0662	0.0663	0.197	1.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Americium-243 Tracer	5.61	8.87	pCi/L	63.3	(30%-105%)

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054668**	**Method:**	**PU241_LSC**	**SOP Ref:**	**GL-RAD-A-035**
Run Date:	**09/24/2026 17:46**	**Analyst:**	**JJP2**	**Instrument:**	**LSCOPAL**
Data File:	**PU3054668.xls**	**Aliquot:**	**0.40062 L**	**Count Time:**	**15 min**
Prep Batch:	**3054668**	**Prep Method:**	**DOE EML HASL-300, Pu-11-**		
Prep Date:	**09/14/2026 23:30**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14119-32-5	Plutonium-241	U	-1.42	pCi/L	+/-8.18	8.18	14.9	25.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Plutonium-242 Tracer	4.16	4.79	pCi/L	86.8	(30%-105%)

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

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Certificate of Analysis
Sample Summary

SDG Number:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3055057**	**Method:**	**GL-RAD-A-033**	**SOP Ref:**	**GL-RAD-A-033**
Run Date:	**09/10/2026 16:39**	**Analyst:**	**KP1**	**Instrument:**	**PIC12A**
Data File:	**CL3055057.xls**	**Aliquot:**	**11.1 mL**	**Count Time:**	**60 min**
Prep Batch:	**3055057**	**Prep Method:**	**GL-RAD-A-033**		
Prep Date:	**09/08/2026 09:09**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
13981-43-6	Chlorine-36	U	9.07	pCi/L	+/-26.6	26.7	44.7	100

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Sodium Chloride Carrier	28.7	29.4	mg	97.6	(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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3054438**	**Method:**	**TRITIUM_LSC**	**SOP Ref:**	**GL-RAD-A-002**
Run Date:	**09/21/2026 16:53**	**Analyst:**	**IT1**	**Instrument:**	**LSCRUBY**
Data File:	**T3054438.xls**	**Aliquot:**	**50 mL**	**Count Time:**	**15 min**
Prep Batch:	**3054438**	**Prep Method:**	**EPA 906.0 Modified**		
Prep Date:	**09/03/2026 08:36**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		1250	pCi/L	+/-307	391	280	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits

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:	**GEL793821**	**Client:**	**CPRC003**	**Project:**	**CPRC0I26026**
Lab Sample ID:	**793821004**	**Date Collected:**	**08/31/2026 11:19**	**Matrix:**	**WATER**
		Date Received:	**09/02/2026 09:40**		
Client ID:	**B4VK32**			**Prep Basis:**	**"As Received"**
Batch ID:	**3056351**	**Method:**	**TC99_LSC**	**SOP Ref:**	**GL-RAD-A-059**
Run Date:	**09/16/2026 16:28**	**Analyst:**	**GS3**	**Instrument:**	**LSCCOPPER**
Data File:	**E3056351.xls**	**Aliquot:**	**100.2 mL**	**Count Time:**	**20 min**
Prep Batch:	**3056351**	**Prep Method:**	**DOE EML HASL-300, Tc-02-**		
Prep Date:	**09/09/2026 10:08**				

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
14133-76-7	Technetium-99	U	25.8	pCi/L	+/-22.0	22.2	36.5	50.0

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Technetium-99m Tracer	9.09E+05	9.24E+05	CPM	98.3	(30%-105%)

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 30, 2026

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

Workorder: **793821**

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Alpha Spec									
Batch 3054664									
QC1206580251 MB									
Uranium-233/234			U	-0.0344	pCi/L			KG3	09/17/2607:59
	Uncert:			+/-0.102					
	TPU:			+/-0.102					
Uranium-235/236			U	-0.0162	pCi/L				
	Uncert:			+/-0.0715					
	TPU:			+/-0.0716					
Uranium-238			U	-0.00545	pCi/L				
	Uncert:			+/-0.0818					
	TPU:			+/-0.0819					
**Uranium-232 Tracer	6.74			3.53	pCi/L	REC:	52 (30%-105%)		
	Uncert:			+/-0.857					
	TPU:			+/-1.31					
QC1206580252 793821001 DUP									
Uranium-233/234		3.52		3.41	pCi/L				
	Uncert:	+/-0.626		+/-0.604		RPD:	3 (0%-20%)		
	TPU:	+/-0.814		+/-0.785		RER:	0.185 (0-2)		
Uranium-235/236		0.268		0.194	pCi/L				
	Uncert:	+/-0.217		+/-0.176		RPD:	32 (0% - 100%)		
	TPU:	+/-0.220		+/-0.178		RER:	0.515 (0-2)		
Uranium-238		3.48		2.84	pCi/L				
	Uncert:	+/-0.615		+/-0.553		RPD:	20 (0%-20%)		
	TPU:	+/-0.800		+/-0.691		RER:	1.17 (0-2)		
**Uranium-232 Tracer	6.74	3.43		3.79	pCi/L	REC:	56 (30%-105%)		
	Uncert:	+/-0.865		+/-0.854					
	TPU:	+/-1.32		+/-1.30					
QC1206580253 LCS									
Uranium-233/234				6.90	pCi/L				09/17/2607:59
	Uncert:			+/-0.759					
	TPU:			+/-1.20					
Uranium-235/236				0.319	pCi/L				
	Uncert:			+/-0.197					
	TPU:			+/-0.201					
Uranium-238	6.75			7.39	pCi/L	REC:	110 (80%-120%)		
	Uncert:			+/-0.784					
	TPU:			+/-1.26					
**Uranium-232 Tracer	6.74			4.74	pCi/L	REC:	70 (30%-105%)		
	Uncert:			+/-0.760					
	TPU:			+/-1.18					
Batch 3054666									
QC1206580257 MB									
Plutonium-238			U	0.0280	pCi/L			KG3	09/17/2608:19
	Uncert:			+/-0.0644					
	TPU:			+/-0.0645					

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QC Summary

Workorder: 793821

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Alpha Spec									
Batch 3054666									
Plutonium-239/240			U	0.00517	pCi/L				
Uncert:				+/-0.0540					
TPU:				+/-0.0541					
**Plutonium-242 Tracer	4.79			3.14	pCi/L	REC: 66	(30%-105%)		
Uncert:				+/-0.584					
TPU:				+/-0.865					
QC1206580258 793821001 DUP									
Plutonium-238	U	0.0137	U	0.0457	pCi/L				09/17/2608:19
Uncert:		+/-0.0384		+/-0.0808		RPD: 0	N/A		
TPU:		+/-0.0385		+/-0.0811		RER: 0.7	(0-2)		
Plutonium-239/240	U	0.0415	U	0.0208	pCi/L				
Uncert:		+/-0.0616		+/-0.0712		RPD: 0	N/A		
TPU:		+/-0.0618		+/-0.0713		RER: 0.43	(0-2)		
**Plutonium-242 Tracer	4.79	4.34		2.99	pCi/L	REC: 63	(30%-105%)		
Uncert:		+/-0.502		+/-0.609					
TPU:		+/-0.756		+/-0.900					
QC1206580259 LCS									
Plutonium-238			U	0.00565	pCi/L				09/17/2613:51
Uncert:				+/-0.0643					
TPU:				+/-0.0644					
Plutonium-239/240	5.10			5.26	pCi/L	REC: 103	(80%-120%)		
Uncert:				+/-0.603					
TPU:				+/-0.919					
**Plutonium-242 Tracer	4.79			3.84	pCi/L	REC: 80	(30%-105%)		
Uncert:				+/-0.576					
TPU:				+/-0.855					
Batch 3054667									
QC1206580260 MB									
Americium-241			U	0.0277	pCi/L			KG3	09/17/2608:19
Uncert:				+/-0.0870					
TPU:				+/-0.0871					
**Americium-243 Tracer	8.86			5.07	pCi/L	REC: 57	(30%-105%)		
Uncert:				+/-0.842					
TPU:				+/-1.32					
QC1206580261 793821001 DUP									
Americium-241	U	0.0166	U	0.0171	pCi/L				09/17/2608:19
Uncert:		+/-0.0745		+/-0.0643		RPD: 0	N/A		
TPU:		+/-0.0745		+/-0.0643		RER: 0.0102	(0-2)		
**Americium-243 Tracer	8.87	5.96		5.02	pCi/L	REC: 57	(30%-105%)		
Uncert:		+/-0.840		+/-0.872					
TPU:		+/-1.32		+/-1.36					
QC1206580262 LCS									
Americium-241	4.92			4.33	pCi/L	REC: 88	(80%-120%)		09/17/2608:19
Uncert:				+/-0.486					
TPU:				+/-0.655					
**Americium-243 Tracer	8.86			7.79	pCi/L	REC: 88	(30%-105%)		
Uncert:				+/-0.692					
TPU:				+/-1.13					
Batch 3054668									

Quality Control Data
HOME

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QC Summary

Workorder: 793821

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Alpha Spec									
Batch 3054668									
QC1206580263 MB									
Plutonium-241			U	-11.9	pCi/L			JJP2	09/24/2618:36
	Uncert:			+/-9.88					
	TPU:			+/-9.88					
**Plutonium-242 Tracer	4.79			3.14	pCi/L	REC: 66	(30%-105%)		
	Uncert:			+/-0.584					
	TPU:			+/-0.865					
QC1206580264 793821001 DUP									
Plutonium-241		U -8.77	U	-12.6	pCi/L				09/24/2618:53
	Uncert:	+/-7.18		+/-10.5		RPD: 0	N/A		
	TPU:	+/-7.18		+/-10.5		RER: 0.593	(0-2)		
**Plutonium-242 Tracer	4.79	4.34		2.99	pCi/L	REC: 63	(30%-105%)		
	Uncert:	+/-0.502		+/-0.609					
	TPU:	+/-0.756		+/-0.900					
QC1206580265 LCS									
Plutonium-241	421			374	pCi/L	REC: 88.8	(80%-120%)		09/24/2619:09
	Uncert:			+/-28.5					
	TPU:			+/-87.6					
**Plutonium-242 Tracer	4.79			3.02	pCi/L	REC: 63	(30%-105%)		
	Uncert:			+/-0.650					
	TPU:			+/-0.955					
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%)		
Batch 3055057									
QC1206581095 MB									
Chlorine-36			U	0.782	pCi/L			KP1	09/10/2616:39
	Uncert:			+/-17.3					
	TPU:			+/-17.3					
**Sodium Chloride Carrier	29.4			28.4	mg	REC: 97	(40%-110%)		
QC1206581096 793821004 DUP									
Chlorine-36		U 9.07	U	33.4	pCi/L				09/10/2616:39
	Uncert:	+/-26.6		+/-30.7		RPD: 0	N/A		
	TPU:	+/-26.7		+/-31.1		RER: 1.16	(0-2)		
**Sodium Chloride Carrier	29.4	28.7		28.2	mg	REC: 96	(40%-110%)		

Quality Control Data
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QC Summary

Workorder: 793821

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Gas Flow									
Batch 3055057									
QC1206581097 LCS									
Chlorine-36	4050			3400	pCi/L	REC: 84.1	(80%-120%)		09/10/2616:39
	Uncert:			+/-170					
	TPU:			+/-582					
**Sodium Chloride Carrier	29.4			23.1	mg	REC: 79	(40%-110%)		
Rad Liquid Scintillation									
Batch 3054438									
QC1206579757 MB									
Tritium			U	135	pCi/L			IT1	09/21/2617:59
	Uncert:			+/-172					
	TPU:			+/-174					
QC1206579758 793821001 DUP									
Tritium		330		285	pCi/L				09/21/2618:15
	Uncert:	+/-194		+/-190		RPD: 15	(0% - 100%)		
	TPU:	+/-204		+/-198		RER: 0.311	(0-2)		
QC1206579759 793821001 MS									
Tritium	4560	330		4550	pCi/L	REC: 92.6	(75%-125%)		09/21/2618:32
	Uncert:	+/-194		+/-529					
	TPU:	+/-204		+/-1030					
QC1206579760 LCS									
Tritium	4560			4260	pCi/L	REC: 93.5	(80%-120%)		09/21/2618:49
	Uncert:			+/-524					
	TPU:			+/-977					
Batch 3055804									
QC1206582682 MB									
Selenium-79			U	-0.230	pCi/L			KH2	09/24/2615:01
	Uncert:			+/-11.1					
	TPU:			+/-11.1					
**Selenium Carrier	20.0			16.6	mg	REC: 83	(40%-110%)		
QC1206582683 793821001 DUP									
Selenium-79	U	6.52	U	6.58	pCi/L				09/24/2615:18
	Uncert:	+/-11.1		+/-11.7		RPD: 0	N/A		
	TPU:	+/-11.1		+/-11.7		RER: 0.00825	(0-2)		
**Selenium Carrier	20.0	17.4		16.5	mg	REC: 83	(40%-110%)		
QC1206582684 LCS									
Selenium-79	56.1			51.6	pCi/L	REC: 92	(75%-125%)		09/24/2615:35
	Uncert:			+/-14.3					
	TPU:			+/-14.3					
**Selenium Carrier	20.0			16.7	mg	REC: 84	(40%-110%)		
Batch 3055977									
QC1206583052 MB									
Carbon-14			U	12.0	pCi/L			MG7	09/29/2616:53
	Uncert:			+/-20.5					
	TPU:			+/-20.6					
QC1206583053 793821001 DUP									
Carbon-14	U	9.21	U	-2.73	pCi/L				09/29/2617:10
	Uncert:	+/-20.4		+/-19.9		RPD: 0	N/A		
	TPU:	+/-20.4		+/-19.9		RER: 0.82	(0-2)		
QC1206583054 793821001 MS									

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QC Summary

Workorder: 793821

Parmname	NOM		Sample	Qual	QC	Units	QC Criteria		Range	Analyst	Date Time
Rad Liquid Scintillation											
Batch 3055977											
Carbon-14	1480	U	9.21		1400	pCi/L	REC:	94.5	(75%-125%)		
Uncert:			+/-20.4		+/-77.8						
TPU:			+/-20.4		+/-271						
QC1206583055 LCS											
Carbon-14	736				721	pCi/L	REC:	97.9	(80%-120%)		09/29/2617:42
Uncert:					+/-39.2						
TPU:					+/-139						
Batch 3056351											
QC1206583836 MB											
Technetium-99				U	-8.27	pCi/L				GS3	09/16/2617:11
Uncert:					+/-20.2						
TPU:					+/-20.2						
**Technetium-99m Tracer	9.24E+05				9.18E+05	CPM	REC:	99	(30%-105%)		
QC1206583837 792661001 DUP											
Technetium-99			23900		24600	pCi/L					09/16/2617:33
Uncert:			+/-196		+/-200		RPD:	3	(0%-20%)		
TPU:			+/-2720		+/-2800		RER:	0.36	(0-2)		
**Technetium-99m Tracer	9.24E+05		9.00E+05		8.90E+05	CPM	REC:	96	(30%-105%)		
QC1206583838 LCS											
Technetium-99	609				596	pCi/L	REC:	97.8	(80%-120%)		09/16/2617:55
Uncert:					+/-36.6						
TPU:					+/-76.7						
**Technetium-99m Tracer	9.24E+05				9.19E+05	CPM	REC:	100	(30%-105%)		

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.