



a member of The GEL Group INC



2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

December 03, 2025

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

Re: SAF X25-032
Work Order: 750923
SDG: GEL750923

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 05, 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,

A handwritten signature in black ink that reads "Joanne Harley".

Joanne Harley for
Heather Shaffer
Project Manager

Purchase Order: 901852 - 7H
Chain of Custody: X25-032-200, X25-032-214, X25-032-215, X25-032-216, X25-032-217, X25-032-218,
X25-032-219 and X25-032-220
Enclosures



a member of The GEL Group INC



2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

December 02, 2025

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

Re: SAF X25-032
Work Order: 750923
SDG: GEL750923

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 05, 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,

A handwritten signature in black ink that reads "Latarsha Green".

Latarsha Green for
Heather Shaffer
Project Manager

Purchase Order: 901852 - 7H
Chain of Custody: X25-032-200, X25-032-214, X25-032-215, X25-032-216, X25-032-217, X25-032-218,
X25-032-219 and X25-032-220
Enclosures

Table of Contents

Case Narrative.....	1
Chain of Custody and Supporting Documentation.....	5
Data Review Qualifier Definitions.....	15
Laboratory Certifications.....	17
Radiological Analysis.....	19
Case Narrative.....	20
Sample Data Summary.....	24
Quality Control Data.....	35

Case Narrative

**General Narrative
for
Central Plateau Cleanup Company (89223)
SAF X25-032
SDG: GEL750923**

December 02, 2025

Laboratory Identification:

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

Summary

Sample receipt

The sample(s) arrived at GEL Laboratories, LLC, Charleston, South Carolina on November 05, 2025, for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

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

Sample Identification

The laboratory received the following samples:

Laboratory Identification	Sample Description
750923001	B4NJC5
750923002	B4NKW3
750923003	B4NKW6
750923004	B4NKW8
750923005	B4NKW9
750923006	B4NKX3
750923007	B4NKX6
750923008	B4NKX9

Case Narrative

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

Data Package

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

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



Latarsha Green for
Heather Shaffer
Project Manager

**Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL750923
Work Order #: 750923**

SMR_SR_RAD_GPC

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

Technical Information**Recounts**

Sample 1206294270 (LCS) was recounted due to low recovery. The recount is reported.

Sample 750923008 (B4NKX9) was recounted due to results more negative than the three sigma TPU. The second count is reported.

Sample 750923003 (B4NKW6) was verified by recounting at least five days from the separation date. The recount is reported.

SMR_TRITIUM_LSC

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

Quality Control (QC) Information**Matrix Spike (MS) Recovery**

The Matrix Spike (See Below) did not meet recovery requirements due to the sample activity being greater than five times the spiked nominal concentration.

Sample	Analyte	Value
1206291973 (B4NKW3MS)	Tritium	22.8* (75%-125%), but result > 5x nominal

Miscellaneous Information**Additional Comments**

The matrix spike, 1206291973 (B4NKW3MS), aliquot was reduced to conserve sample volume.

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

750923

C.O.C. # X25-032-200

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506 152	Ice Chest No.: GWS-946
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 885732019554
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
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4NJC5	N	W	NOV 03 2025	0923	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S	DL
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	= Soil	= Drum Solids
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1		NOV 03 2025 1320	= Sediment	= Drum Liquids
SSU-1		NOV 04 2025 0715	Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 0715	= Solid	= Tissue
Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 1405	FEDEX			= Sludge	= Wipe
			Stacy Boone	<i>[Signature]</i>	NOV 05 2025	= Water	= Liquid
						= Oil	= Vegetation
						= Air	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			C.O.C. # X25-032-214			
Collector: Kevin Hamilton / CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: X25-032		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 901852				
Project Title: Aquifer Tubes, September 2025		Logbook No.: HNF-N-506 <i>152</i>		Ice Chest No.: <i>GWS-946</i>				
Shipped To (Lab): <u>GEL Laboratories, LLC</u>		Method of Shipment: Commercial Carrier		Bill of Lading/Air Bill No.: <i>8857 5201 9554</i>				
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
B4NKW3	N	W	NOV 03 2025	<i>1032</i>	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S	DS
Kevin Hamilton / CPCC	<i>Kevin Hamilton</i>	NOV 03 2025 <i>1315</i>	Mike Esparza / CPCC	<i>Mike Esparza</i>	NOV 03 2025 <i>1315</i>	SE	DL
Mike Esparza / CPCC	<i>Mike Esparza</i>	NOV 03 2025 <i>1320</i>	SSU-1		NOV 03 2025 <i>1320</i>	SO	T
Harvey Brown / CPCC	<i>Harvey Brown</i>	NOV 04 2025 <i>0715</i>	Harvey Brown / CPCC	<i>Harvey Brown</i>	NOV 04 2025 <i>0715</i>	SL	WI
Harvey Brown / CPCC	<i>Harvey Brown</i>	NOV 04 2025 <i>1400</i>	FEDEX			W	L
			Stacy Boone	<i>Stacy Boone</i>	NOV 05 2025 <i>1000</i>	O	V
						A	X

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

750923

C.O.C. # X25-032-215

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506 152	Ice Chest No.: GWS-946
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 885752019554
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
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4NKW6	N	W	NOV 03 2025	1045	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2
B4NKW6	N	W	1	1	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S	DS
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	SE	DL
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1		NOV 03 2025 1320	SO	T
SSU-1		NOV 04 2025 0715	Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 0715	SL	WI
Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 1400	FEDEX			W	L
			FedEx	<i>[Signature]</i>	NOV 05 2025	O	V
			Stacy Boon			A	X

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				750923	C.O.C. # X25-032-216	
Collector: Kevin Hamilton / CPCC		Contact/Requester: Karen Waters-Husted		Telephone No.: 509-376-4650				
SAF No.: X25-032		Sampling Origin: Hanford Site		Purchase Order/Charge Code: 901852				
Project Title: Aquifer Tubes, September 2025		Logbook No.: HNF-N-506 <i>152</i>		Ice Chest No.: <i>GWS-946</i>				
Shipped To (Lab): <u>GEL Laboratories, LLC</u>		Method of Shipment: Commercial Carrier		Bill of Lading/Air Bill No.: <i>8887 52019554</i>				
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
B4NKW8	N	W	NOV 03 2025	0700	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	S = Soil	DS = Drum Solids
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1	<i>[Signature]</i>	NOV 03 2025 1320	SE = Sediment	DL = Drum Liquids
SSU-1	<i>[Signature]</i>	NOV 04 2025 0715	Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 0715	SO = Solid	T = Tissue
Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 1705	FEDEX	<i>[Signature]</i>	NOV 05 2025 1000	SL = Sludge	WI = Wipe
			FedEx	Stacy Boon		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:

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

750923

C.O.C. # X25-032-217

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506-152	Ice Chest No.: 628-946
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 88575201955 4
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
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4NKW9	N	W	NOV 03 2025	1058	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1		NOV 03 2025 1320	
SSU-1		NOV 04 2025 0715	Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 0715	
Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 1400	FEDEX			
		FedEx	Stacy Boc		NOV 05 2025	1000

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

750923

C.O.C. # X25-032-218

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506 152	Ice Chest No.: GWS-946
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 885752019554
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
B4NKX3	N	W	NOV 03 2025	0941	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time		
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	S = Soil	DS = Drum Solids
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1	<i>[Signature]</i>	NOV 03 2025 1320	SE = Sediment	DL = Drum Liquids
SSU-1	<i>[Signature]</i>	NOV 04 2025 0715	Harvey Brown / CPCCo	<i>[Signature]</i>	NOV 04 2025 1400	SO = Solid	T = Tissue
Harvey Brown / CPCCo	<i>[Signature]</i>	NOV 04 2025 1400	FEDEX	<i>[Signature]</i>	NOV 05 2025	SL = Sludge	WI = Wipe
			Stacy Boone			W = Water	L = Liquid
			Stacy Boone			O = Oil	V = Vegetation
			Stacy Boone			A = Air	X = Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

750923

C.O.C. # X25-032-219

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506 152	Ice Chest No.: GWS-946
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: 88575201955 4
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
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Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4NKX6	N	W	NOV 03 2025	0953	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix *	
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	S	DS
Kevin Hamilton / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1315	SE	DL
Mike Esparza / CPCC	<i>[Signature]</i>	NOV 03 2025 1320	SSU-1	<i>[Signature]</i>	NOV 03 2025 1320	SO	T
SSU-1	<i>[Signature]</i>	NOV 04 2025 0715	Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 0715	SL	WI
Harvey Brown/CPCCo	<i>[Signature]</i>	NOV 04 2025 1400	FEDEX	<i>[Signature]</i>	NOV 05 2025 1000	W	L
			FedEx	Stacy Boone		O	V
						A	X

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

750923

C.O.C. # X25-032-220

PAGE 1 OF 1

Collector: Kevin Hamilton / CPCC	Contact/Requester: Karen Waters-Husted	Telephone No.: 509-376-4650
SAF No.: X25-032	Sampling Origin: Hanford Site	Purchase Order/Charge Code: 901852
Project Title: Aquifer Tubes, September 2025	Logbook No.: HNF-N-506 <i>152</i>	Ice Chest No.: <i>GWS-946</i>
Shipped To (Lab): GEL Laboratories, LLC	Method of Shipment: Commercial Carrier	Bill of Lading/Air Bill No.: <i>785752019554</i>
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
B4NKX9	N	W	<i>NOV 03 2025</i>	<i>1007</i>	1x1-L G/P	SMR_SR_RAD_GPC	6 Months	HNO3 to pH <2
B4NKX9	N	W	<i>1</i>	<i>1</i>	1x250-mL G/P	SMR_TRITIUM_LSC	6 Months	None

Relinquished By			Received By			Matrix * S = Soil DS = Drum Solids SE = Sediment DL = Drum Liquids SO = Solid T = Tissue SL = Sludge WI = Wipe W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Print First and Last Name	Signature	Date/Time	Print First and Last Name	Signature	Date/Time	
Kevin Hamilton / CPCC	<i>[Signature]</i>	<i>NOV 03 2025 1315</i>	Mike Esparza / CPCC	<i>[Signature]</i>	<i>NOV 03 2025 1315</i>	
Mike Esparza / CPCC	<i>[Signature]</i>	<i>NOV 03 2025 1320</i>	SSU-1		<i>NOV 03 2025 1320</i>	
SSU-1		<i>NOV 04 2025 0715</i>	Harvey Brown / CPCC	<i>[Signature]</i>	<i>NOV 04 2025 0715</i>	
Harvey Brown / CPCC	<i>[Signature]</i>	<i>NOV 04 2025 1400</i>	FEDEX			
			Stacy Boers	<i>[Signature]</i>	<i>NOV 05 2025 1000</i>	
			Stacy Boers			

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:
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GEL Laboratories LLC		SAMPLE RECEIPT & REVIEW FORM			
Client #: CPBC		SDG/AR/COC/Work Order: 750923		GEL PM: HS	
Received By: STACY BOONE		Date Received at GEL: NOV 5, 2025			
Carrier (when applicable) <input checked="" type="checkbox"/> FedE. Express <input type="checkbox"/> FedEx Ground <input type="checkbox"/> UPS <input type="checkbox"/> Field Services <input type="checkbox"/> Courier <input type="checkbox"/> Client <input type="checkbox"/> Other:		IR Temp gun # IRA 24 Daily Calibration Performed <input checked="" type="checkbox"/> 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).
8857 5201 9554	10				
Suspected Hazard Information		Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.	
A) Shipped as a DOT Hazardous?			<input checked="" type="checkbox"/>	Hazard Class Shipped: _____ UN#: _____ If UN2910, Is the Radioactive Shipment Survey Compliant? Yes ___ No ___	
B) Did the client designate the samples are to be received as radioactive?		<input checked="" type="checkbox"/>		COC notation or radioactive stickers on containers equal client designation	
C) Did the RSO classify the samples as radioactive?		<input checked="" type="checkbox"/>		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): _____ CPM / mR/Hr Classified as: <input checked="" type="checkbox"/> Rad 1 <input type="checkbox"/> Rad 2 <input type="checkbox"/> Rad 3	
D) Are there any sample hazards to document?			<input checked="" type="checkbox"/>	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other: _____	
E) Was a SDS received and reviewed by Lab Safety?			<input checked="" type="checkbox"/>	Circle Applicable: See additional Comments below. No additional comments needed after review.	
Sample Receipt Criteria		Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (< 6 °C)?	<input checked="" type="checkbox"/>			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: _____ *All temperatures recorded next to tracking numbers are in Celsius
4	Sample containers intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#: _____
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	<input checked="" type="checkbox"/>			If Yes, are Encores or Soil Kits present? Yes ___ No <input checked="" type="checkbox"/> (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes <input checked="" type="checkbox"/> No ___ NA (If unknown, select No) Are liquid VOA vials free of headspace? Yes <input checked="" type="checkbox"/> No ___ NA Sample IDs and containers affected: _____
7	Samples received within holding time?	<input checked="" type="checkbox"/>			IDs and tests affected: _____
8	Sample IDs on COC match IDs on bottles?	<input checked="" type="checkbox"/>			IDs and containers affected: _____
9	Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			<input checked="" type="checkbox"/>	
12	COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>			Circle Applicable: Not relinquished Other (describe)
Comments:					
PM (or PMA) review: Initials HS Date 11/07/25					
Continuation Form Required when selected					

Data Review Qualifier Definitions

Project Specific Qualifier Definitions for GEL Client Code: CPCR

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

Laboratory Certifications

List of current GEL Certifications as of 02 December 2025

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

Radiological Analysis

Case Narrative

**Radiochemistry
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL750923
Work Order #: 750923**

Product: SMR_SR_RAD_GPC
Analytical Method: SR_RAD_GPC
Analytical Procedure: GL-RAD-A-004 REV# 23
Analytical Batch: 2894817

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
750923001	B4NJC5
750923003	B4NKW6
750923008	B4NKX9
1206294268	Method Blank (MB)
1206294269	750923001(B4NJC5) Sample Duplicate (DUP)
1206294270	Laboratory Control Sample (LCS)

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

Data Summary:

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

Technical Information

Recounts

Sample 1206294270 (LCS) was recounted due to low recovery. The recount is reported.
 Sample 750923008 (B4NKX9) was recounted due to results more negative than the three sigma TPU. The second count is reported.
 Sample 750923003 (B4NKW6) was verified by recounting at least five days from the separation date. The recount is reported.

Product: SMR_TRITIUM_LSC
Analytical Method: TRITIUM_LSC
Analytical Procedure: GL-RAD-A-002 REV# 24
Analytical Batch: 2893610

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

<u>GEL Sample ID#</u>	<u>Client Sample Identification</u>
750923002	B4NKW3
750923003	B4NKW6
750923004	B4NKW8
750923005	B4NKW9
750923006	B4NKX3

750923007	B4NKX6
750923008	B4NKX9
1206291971	Method Blank (MB)
1206291972	750923002(B4NKW3) Sample Duplicate (DUP)
1206291973	750923002(B4NKW3) Matrix Spike (MS)
1206291974	Laboratory Control Sample (LCS)

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

Data Summary:

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

Quality Control (QC) Information

Matrix Spike (MS) Recovery

The Matrix Spike (See Below) did not meet recovery requirements due to the sample activity being greater than five times the spiked nominal concentration.

Sample	Analyte	Value
1206291973 (B4NKW3MS)	Tritium	22.8* (75%-125%), but result > 5x nominal

Miscellaneous Information

Additional Comments

The matrix spike, 1206291973 (B4NKW3MS), aliquot was reduced to conserve sample volume.

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

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**Qualifier Definition Report
for**

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL750923 GEL Work Order: 750923

The Qualifiers in this report are defined as follows:

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

Review/Validation

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

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

Signature: 

Name: Kate Gellatly

Date: 03 DEC 2025

Title: Analyst 1 PT

Sample Data Summary

Rad
Certificate of Analysis
Sample Summary

SDG Number: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923001	Date Collected: 11/03/2025 09:23	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NJCS	Method: SR_RAD_GPC	Prep Basis: "As Received"
Batch ID: 2894817	Analyst: HH3	SOP Ref: GL-RAD-A-004
Run Date: 11/28/2025 13:37	Aliquot: 300.16 mL	Instrument: PIC10A
Data File: S2894817r1.xls	Prep Method: EPA 905.0 Modified/DOE RP5	Count Time: 60 min
Prep Batch: 2894817		
Prep Date: 11/18/2025 10:26		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90	U	0.859	pCi/L	+/-0.581	0.614	0.870	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.00	4.43	mg	90.4	(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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923002	Date Collected: 11/03/2025 10:32	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKW3	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 21:15	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		60300	pCi/L	+/-1920	11800	278	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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923003	Date Collected: 11/03/2025 10:45	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKW6	Method: SR_RAD_GPC	Prep Basis: "As Received"
Batch ID: 2894817	Analyst: HH3	SOP Ref: GL-RAD-A-004
Run Date: 12/01/2025 12:29	Aliquot: 301.28 mL	Instrument: PIC5A
Data File: S2894817r1.xls	Prep Method: EPA 905.0 Modified/DOE RP5	Count Time: 60 min
Prep Batch: 2894817		
Prep Date: 11/18/2025 10:26		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90		150	pCi/L	+/-4.26	34.8	0.634	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.30	4.43	mg	97.2	(40%-110%)

Comments:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).
 The MDC is a sample specific MDC.

Rad
Certificate of Analysis
Sample Summary

SDG Number: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923003	Date Collected: 11/03/2025 10:45	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKW6	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 21:32	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		70400	pCi/L	+/-2060	13800	274	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
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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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923004	Date Collected: 11/03/2025 07:00	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKW8	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 21:48	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium	U	105	pCi/L	+/-159	160	279	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
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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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923005	Date Collected: 11/03/2025 10:58	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKW9	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 22:05	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		38100	pCi/L	+/-1530	7510	277	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
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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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923006	Date Collected: 11/03/2025 09:41	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKX3	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 22:22	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium	U	-23.5	pCi/L	+/-132	132	278	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
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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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923007	Date Collected: 11/03/2025 09:53	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKX6	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 22:38	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium	U	23.3	pCi/L	+/-156	156	305	400

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
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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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923008	Date Collected: 11/03/2025 10:07	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKX9	Method: SR_RAD_GPC	Prep Basis: "As Received"
Batch ID: 2894817	Analyst: HH3	SOP Ref: GL-RAD-A-004
Run Date: 12/01/2025 12:29	Aliquot: 300.16 mL	Instrument: PIC5D
Data File: S2894817r1.xls	Prep Method: EPA 905.0 Modified/DOE RP5	Count Time: 60 min
Prep Batch: 2894817		
Prep Date: 11/18/2025 10:26		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10098-97-2	Strontium-90	U	0.403	pCi/L	+/-0.452	0.461	0.755	2.00

Surrogate/Tracer recovery	Result	Nominal	Units	Recovery%	Acceptable Limits
Strontium Carrier	4.20	4.43	mg	94.9	(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: GEL750923	Client: CPRC003	Project: CPRC0X25032Q
Lab Sample ID: 750923008	Date Collected: 11/03/2025 10:07	Matrix: WATER
	Date Received: 11/05/2025 10:00	
Client ID: B4NKX9	Method: TRITIUM_LSC	Prep Basis: "As Received"
Batch ID: 2893610	Analyst: MG6	SOP Ref: GL-RAD-A-002
Run Date: 11/13/2025 22:55	Aliquot: 50 mL	Instrument: LSCONYX
Data File: T2893610.xls	Prep Method: EPA 906.0 Modified	Count Time: 15 min
Prep Batch: 2893610		
Prep Date: 11/11/2025 08:28		

CAS No.	Parmname	Qual	Result	Units	Uncert	TPU	MDC	RDL
10028-17-8	Tritium		1180	pCi/L	+/-303	380	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.

Quality Control Data

GEL LABORATORIES LLC

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QC Summary

Report Date: December 3, 2025

Page 1 of 2

Client : Central Plateau Cleanup Company
 200 East / MO-277 / 108
 PO Box 1600
 Richland, Washington 99352
Contact: Ms. Heather Medley
Workorder: 750923

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date Time
Rad Gas Flow									
Batch	2894817								
QC1206294268	MB								
Strontium-90			U	-0.644	pCi/L			HH3	11/28/2513:32
				Uncert: +/-0.521					
				TPU: +/-0.521					
**Strontium Carrier	4.43			4.20	mg	REC: 95	(40%-110%)		
QC1206294269	750923001	DUP							
Strontium-90		U	0.859	1.34	pCi/L				11/28/2513:32
				Uncert: +/-0.581		RPD: 43	(0% - 100%)		
				TPU: +/-0.614		RER: 1.05	(0-2)		
**Strontium Carrier	4.43		4.00	4.80	mg	REC: 108	(40%-110%)		
QC1206294270	LCS								
Strontium-90				56.4	pCi/L	REC: 80.2	(80%-120%)		12/01/2512:29
				Uncert: +/-2.73					
				TPU: +/-13.3					
**Strontium Carrier	4.43			4.00	mg	REC: 90	(40%-110%)		
Rad Liquid Scintillation									
Batch	2893610								
QC1206291971	MB								
Tritium			U	28.8	pCi/L			MG6	11/13/2523:12
				Uncert: +/-144					
				TPU: +/-144					
QC1206291972	750923002	DUP							
Tritium			60300	62400	pCi/L				11/13/2523:28
				Uncert: +/-1920		RPD: 3	(0%-20%)		
				TPU: +/-11800		RER: 0.234	(0-2)		
QC1206291973	750923002	MS							
Tritium			9550	60300	62500	pCi/L	REC: N/A		11/13/2523:45
				Uncert: +/-1920					
				TPU: +/-11800					
QC1206291974	LCS								
Tritium			4770	5160	pCi/L	REC: 108	(80%-120%)		11/14/2500:01
				Uncert: +/-577					
				TPU: +/-1150					

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.

GEL LABORATORIES LLC

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QC Summary

Workorder: 750923

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	QC Criteria	Range	Analyst	Date	Time
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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 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.

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.