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ANALYTICAL REPORT

PREPARED FOR

Attn: Heather Medley
Central Plateau Cleanup Company LLC
PO BOX 1464
Richland, Washington 99352

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JOB DESCRIPTION

T25-024, T25-030
SL57488-1

JOB NUMBER

160-57488-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

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Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

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Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Laboratory Job ID: 160-57488-1
SDG: SL57488-1

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Case Narrative

Client: Central Plateau Cleanup Company LLC Job ID: 160-57488-1
Project: T25-024, T25-030

Job ID: 160-57488-1 Eurofins St. Louis

SDG : SL57488-1
Number of Samples : 16
Sample Matrix : Water
Data Deliverable : Summary
Date SDG Closed : March 19, 2025

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins TestAmerica attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

For Metals analyses performed in St. Louis, per standard practice, 6020 water and soil samples are initially prepared at 2x dilution. This standard dilution does not affect reporting limits as MDL studies are also prepared in the same manner. These dilutions do not necessitate a narrative note; however, they are flagged "D" due to a limitation in the LIMS.

For volatile organic analysis, several analytes are considered poor performers and may not meet client QC limits. Per SMO direction, excursions outside the client's requested limits will include a non-conformance in the sections below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

The following data qualifiers may be applicable to the results in this report, as appropriate.

- **B** – For inorganic analyses, the sample result is greater than the MDL but less than the RL.
- **B** – For organic analyses, Method Blank contamination. The Method Blank contains the target analyte above the MDL/RL, and Method Blank is greater than 5% of the sample concentration.
- **B** – For inorganics and radiochemistry, Method Blank reported above the MDC/MDL.
- **J** – For organic analyses, the sample is estimated and less than the RL. If on Method Blank, indicates Method Blank contamination.
- **C** – For inorganic analyses, Method Blank contamination. The Method Blank contains the target analyte at a concentration above the MDL/RL and Method Blank concentration is greater than 5% of the sample concentration.
- **D** – For all analyses, the sample result was obtained from the analysis of a dilution. For ICPMS Metals analyses in St. Louis only, per standard practice, all samples are initially prepared at a 2x dilution. This standard dilution does not affect reporting limits as MDL studies are also prepared in the same manner and will not be narrated below. Only dilutions above 2x will be

Case Narrative

Client: Central Plateau Cleanup Company LLC Job ID: 160-57488-1
Project: T25-024, T25-030

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narrated and considered a true dilution for these samples.

- **N** – For inorganics, the spike/spike duplicate recoveries are outside QC limits.
- **T** – For GCMS analysis, the spike/spike duplicate recoveries are outside QC limits.
- **O** – For all analyses, the LCS (LCSD) recoveries are outside QC limits.
- **X-** Organics – Sample concentration over calibration and/or surrogate recovery outside QC limits.
- **X -** Inorganics – The analyte present in the original sample is > 4x the spike concentration.
- **X -** Radiochemistry – Carrier or Tracer recovery is outside limits.
- **Z -** Sample was prepped or analyzed beyond the specified sample holding time.
- **y –** RPD is outside established limits.

Receipt
The samples were received on 3/19/2025 8:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperature of the cooler at receipt time was 16.2°C.

Method 6010D - Metals (ICP) - Total and Dissolved
Samples B4L233 (160-57488-5), B4L2J0 (160-57488-7), B4L266 (160-57488-9), B4L272 (160-57488-11), B4L279 (160-57488-13) and B4L280 (160-57488-15) were analyzed for Metals (ICP). The samples were prepared on 3/20/2025 and analyzed on 4/1/2025. Samples B4L236 (160-57488-6), B4L2J3 (160-57488-8), B4L269 (160-57488-10), B4L275 (160-57488-12), B4L285 (160-57488-14) and B4L286 (160-57488-16) were analyzed for Metals (ICP) - Dissolved. The samples were prepared on 3/20/2025 and analyzed on 3/27/2025 and 4/1/2025.

ICP Metals Analytical Batch 710437:
Target analytes were detected in the method blank at levels that were above the method detection limit but below the reporting limit. The values should be considered estimated and have been flagged "B". If the associated sample reported a result above the MDL and/or RL and MB is greater than 5% the sample concentration, the result has been flagged "C".

The post digestion spike % recovery for calcium associated with batch 160-710437 was outside of control limits. The associated sample is: (160-57488-A-7-B PDS).

Method 6020B - Metals (ICP/MS) - Total and Dissolved
Samples B4KB55 (160-57488-1), B4KB56 (160-57488-3), B4L233 (160-57488-5), B4L2J0 (160-57488-7), B4L266 (160-57488-9), B4L272 (160-57488-11), B4L279 (160-57488-13) and B4L280 (160-57488-15) were analyzed for Metals (ICP/MS). The samples were prepared on 3/20/2025 and analyzed on 3/27/2025. Samples B4KB59 (160-57488-2), B4KB60 (160-57488-4), B4L236 (160-57488-6), B4L2J3 (160-57488-8), B4L269 (160-57488-10), B4L275 (160-57488-12), B4L285 (160-57488-14) and B4L286 (160-57488-16) were analyzed for Metals (ICP/MS) - Dissolved. The samples were prepared on 3/20/2025 and analyzed on 3/27/2025.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, all deviations, from either the analyses requested, or the case narrative requested. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager or designee and the laboratory's client services representative as verified by their signature on this report.

Reviewed and approved:
Casey Robertson
St. Louis Project Manager

Eurofins St. Louis

Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST** 49 165	C.O.C. # **T25-024-028** PAGE 1 OF 1

Collector: Dale Harder / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-506 143	**Ice Chest No.:** GW5-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 772807358101
Protocol: CERCLA	**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

THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.
Low Volume Well. Do not use for QC.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB55	N	W	MAR 18 2025	1055	1x125-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	6 Months	HNO3 to pH <2
B4KB59	Y	W	MAR 18 2025	1055	1x125-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	6 Months	HNO3 to pH <2

160-57488 Chain of Custody

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Dale Harder / CPCC		MAR 18 2025 1134	Kevin Hamilton / CPCC		MAR 18 2025 1134
Kevin Hamilton / CPCC		MAR 18 2025 1400	FEDEX		
FEDEX			M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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:

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Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST**	C.O.C. # **T25-024-029** PAGE 1 OF 1

Collector: Dale Harder / CPCC	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-024	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901802
Project Title: 200-DV-1 Perched Water, January 2025	**Logbook No.:** HNF-N-506 143	**Ice Chest No.:** GWS-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 772807358101
Protocol: CERCLA	**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
THIS SAF IS NOT TO BE PUT IN AN SDG WITH OTHER SAFS.
Low Volume Well. Do not use for QC.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4KB56	N	W	MAR 18 2025	1055	1x125-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	6 Months	HNO3 to pH <2
B4KB60	Y	W	MAR 18 2025	1055	1x125-mL G/P	SMR_GW6020_CHROMIUM; SMR_GW6020_URANIUM	6 Months	HNO3 to pH <2

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Dale Harder / CPCC		MAR 18 2025 1134	Kevin Hamilton / CPCC		MAR 18 2025 1134
Kevin Hamilton / CPCC		MAR 18 2025 1400	FEDEX		
FED EX			M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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:

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Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # T25-030-156 PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 -145-64	**Ice Chest No.:** Gw$-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7728 6735 8101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L233	N	W	MAR 18 2025	0830	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L236	Y	W	MAR 18 2025	"	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2

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Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Jordan Fluharty/CPCCo		MAR 18 2025 1130	Kevin Hamilton / CPCC		MAR 18 2025 1130
Kevin Hamilton / CPCC		MAR 18 2025 1400	FEDEX		
	FED EX		M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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:

Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST**	C.O.C. # **T25-030-160** PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 –145-64	**Ice Chest No.:** Cust-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 772830755101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L2J0	N	W	MAR 18 2025	1040	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L2J3	Y	W	MAR 18 2025	↓	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	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*
Jordan Fluharty/CPCCo		MAR 18 2025 1130	Kevin Hamilton / CPCC		MAR 18 2025 1130
Kevin Hamilton / CPCC		MAR 18 2025 1405	FEDEX		
	FED EX		M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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:

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Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST**	C.O.C. # **T25-030-162** PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 -145-64	**Ice Chest No.:** GW3-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7728 0735 8101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L266	N	W	MAR 18 2025	0950	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L269	Y	W	MAR 18 2025	↓	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	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*
Jordan Fluharty/CPCCo	J. Fluharty	MAR 18 2025 1130	Kevin Hamilton / CPCC	Kevin E Hamilton	MAR 18 2025 1130
Kevin Hamilton / CPCC	Kevin E Hamilton	MAR 18 2025 1400	FEDEX		
FED EX			M. Pinetta		MAR 19 2025 0835
			Meadow Pinette		

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:

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Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST**	C.O.C. # **T25-030-163** PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 - 145 - 64	**Ice Chest No.:** GWS - 247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7728 0735 8101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L272	N	W	MAR 18 2025	0912	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L275	Y	W	MAR 18 2025	↓	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	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*
Jordan Fluharty/CPCCo	J. Fluharty	MAR 18 2025 1130	Kevin Hamilton / CPCC	Kevin E Hamilton	MAR 18 2025 1130
Kevin Hamilton / CPCC	Kevin E Hamilton	MAR 18 2025 1400	FEDEX		
FED EX			M. Pinette	MAR 19 2025	0835
			Meadow Pinette		

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:

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Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # T25-030-164 PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 -145-64	**Ice Chest No.:** GW$-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 7728 67353101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L279	N	W	MAR 18 2025	0700	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L285	Y	W	MAR 18 2025	↓	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	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*
Jordan Fluharty/CPCCo		MAR 18 2025 1130	Kevin Hamilton / CPCC		MAR 18 2025 1130
Kevin Hamilton / CPCC		MAR 18 2025 1400	FEDEX		
FED EX			M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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 12/31/2024 FSR ID = FSR154025 Report Format: 02/29/2024

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Central Plateau Cleanup Company	**CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST**	C.O.C. # **T25-030-165** PAGE 1 OF 1

Collector: Jordan Fluharty/CPCCo	**Contact/Requester:** Karen Waters-Husted	**Telephone No.:** 509-376-4650
SAF No.: T25-030	**Sampling Origin:** Hanford Site	**Purchase Order/Charge Code:** 901893
Project Title: 100-HR-3 Horn Rebound, March 2025	**Logbook No.:** HNF-N-506 -145-64	**Ice Chest No.:** GW$-247
Shipped To (Lab): TestAmerica St. Louis	**Method of Shipment:** Commercial Carrier	**Bill of Lading/Air Bill No.:** 772807358101
Protocol: CERCLA	**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

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

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4L280	N	W	MAR 18 2025	1103	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	6 Months	HNO3 to pH <2
B4L286	Y	W	MAR 18 2025	1103	1x500-mL G/P	SMR_GW6010_01; SMR_GW6020_CHROMIUM	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*
Jordan Fluharty/CPCCo		MAR 18 2025 1130	Kevin Hamilton / CPCC		MAR 18 2025 1130
Kevin Hamilton / CPCC		MAR 18 2025 1400	FEDEX		
FED EX			M. Pinette		MAR 19 2025 0835
			Meadow Pinette		

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 12/31/2024 **FSR ID =** FSR154017 Report Format: 02/29/2024

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Definitions/Glossary

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Estimated result. Result is less than the RL, but greater than MDL
C	The analyte was detected in both the sample and the associated QC blank, and the sample concentration was </= 5% the blank concentration.
D	The reported value is from a dilution.
U	Analyzed for but not detected.
X	See case narrative notes for explanation of the 'X' flag

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET SL
6020B	Metals (ICP/MS)	SW846	EET SL
3010A	Preparation, Total Metals	SW846	EET SL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57488-1	B4KB55	Water	03/18/25 10:55	03/19/25 08:35
160-57488-2	B4KB59	Water	03/18/25 10:55	03/19/25 08:35
160-57488-3	B4KB56	Water	03/18/25 10:55	03/19/25 08:35
160-57488-4	B4KB60	Water	03/18/25 10:55	03/19/25 08:35
160-57488-5	B4L233	Water	03/18/25 08:30	03/19/25 08:35
160-57488-6	B4L236	Water	03/18/25 08:30	03/19/25 08:35
160-57488-7	B4L2J0	Water	03/18/25 10:40	03/19/25 08:35
160-57488-8	B4L2J3	Water	03/18/25 10:40	03/19/25 08:35
160-57488-9	B4L266	Water	03/18/25 09:50	03/19/25 08:35
160-57488-10	B4L269	Water	03/18/25 09:50	03/19/25 08:35
160-57488-11	B4L272	Water	03/18/25 09:12	03/19/25 08:35
160-57488-12	B4L275	Water	03/18/25 09:12	03/19/25 08:35
160-57488-13	B4L279	Water	03/18/25 07:00	03/19/25 08:35
160-57488-14	B4L285	Water	03/18/25 07:00	03/19/25 08:35
160-57488-15	B4L280	Water	03/18/25 11:03	03/19/25 08:35
160-57488-16	B4L286	Water	03/18/25 11:03	03/19/25 08:35

Client Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: SW846 6010D - Metals (ICP)

Client Sample ID: B4L233
Date Collected: 03/18/25 08:30
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**37000**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:54	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 15:54	1
Magnesium	**10800**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:54	1
Potassium	**4950**	**B**	5000	676	ug/L		03/20/25 13:31	04/01/25 15:54	1
Sodium	**17100**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:54	1
Vanadium	**12.7**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 15:54	1
Zinc	**13.9**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 15:54	1

Client Sample ID: B4L2J0
Date Collected: 03/18/25 10:40
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**40700**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:12	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:12	1
Magnesium	**11800**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:12	1
Potassium	**5230**		5000	676	ug/L		03/20/25 13:31	04/01/25 16:12	1
Sodium	**20400**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:12	1
Vanadium	**14.8**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:12	1
Zinc	**10.1**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:12	1

Client Sample ID: B4L266
Date Collected: 03/18/25 09:50
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**39600**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:25	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:25	1
Magnesium	**10700**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:25	1
Potassium	**4960**	**B**	5000	676	ug/L		03/20/25 13:31	04/01/25 16:25	1
Sodium	**18500**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:25	1
Vanadium	4.0	U	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:25	1
Zinc	**13.5**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:25	1

Client Sample ID: B4L272
Date Collected: 03/18/25 09:12
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**52600**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:35	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:35	1
Magnesium	**13200**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:35	1
Potassium	**5060**		5000	676	ug/L		03/20/25 13:31	04/01/25 16:35	1
Sodium	**15400**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:35	1
Vanadium	**5.2**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:35	1
Zinc	**15.0**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:35	1

Client Sample ID: B4L279
Date Collected: 03/18/25 07:00
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:44	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:44	1

Eurofins St. Louis

Client Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: SW846 6010D - Metals (ICP) (Continued)

Client Sample ID: B4L279
Date Collected: 03/18/25 07:00
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:44	1
Potassium	676	U	5000	676	ug/L		03/20/25 13:31	04/01/25 16:44	1
Sodium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:44	1
Vanadium	4.0	U	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:44	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:44	1

Client Sample ID: B4L280
Date Collected: 03/18/25 11:03
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**62700**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:53	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:53	1
Magnesium	**16600**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:53	1
Potassium	**5530**		5000	676	ug/L		03/20/25 13:31	04/01/25 16:53	1
Sodium	**20400**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:53	1
Vanadium	**13.2**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:53	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:53	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Client Sample ID: B4L236
Date Collected: 03/18/25 08:30
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**36600**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:58	1
Iron	**40.4**	**B**	100	39.2	ug/L		03/20/25 13:31	04/01/25 15:58	1
Magnesium	**10600**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:58	1
Potassium	**4900**	**B**	5000	676	ug/L		03/20/25 13:31	04/01/25 15:58	1
Sodium	**16800**		1000	300	ug/L		03/20/25 13:31	04/01/25 15:58	1
Vanadium	**8.9**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 15:58	1
Zinc	**9.4**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 15:58	1

Client Sample ID: B4L2J3
Date Collected: 03/18/25 10:40
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**40800**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:21	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:21	1
Magnesium	**12000**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:21	1
Potassium	**5270**		5000	676	ug/L		03/20/25 13:31	04/01/25 16:21	1
Sodium	**20800**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:21	1
Vanadium	**10.9**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:21	1
Zinc	**15.3**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:21	1

Client Sample ID: B4L269
Date Collected: 03/18/25 09:50
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**39900**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:30	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:30	1
Magnesium	**11200**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:30	1

Eurofins St. Louis

Client Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Client Sample ID: B4L269
Date Collected: 03/18/25 09:50
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**5110**		5000	676	ug/L		03/20/25 13:31	04/01/25 16:30	1
Sodium	**19200**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:30	1
Vanadium	**8.6**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:30	1
Zinc	**11.1**	**B**	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:30	1

Client Sample ID: B4L275
Date Collected: 03/18/25 09:12
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**52300**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:39	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:39	1
Magnesium	**13000**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:39	1
Potassium	**4950**	**B**	5000	676	ug/L		03/20/25 13:31	04/01/25 16:39	1
Sodium	**15200**		1000	300	ug/L		03/20/25 13:31	04/01/25 16:39	1
Vanadium	**13.3**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:39	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:39	1

Client Sample ID: B4L285
Date Collected: 03/18/25 07:00
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:49	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 16:49	1
Magnesium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:49	1
Potassium	676	U	5000	676	ug/L		03/20/25 13:31	04/01/25 16:49	1
Sodium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 16:49	1
Vanadium	4.0	U	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 16:49	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 16:49	1

Client Sample ID: B4L286
Date Collected: 03/18/25 11:03
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**67300**		1000	300	ug/L		03/20/25 13:31	03/27/25 19:22	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 17:07	1
Magnesium	**16700**		1000	300	ug/L		03/20/25 13:31	04/01/25 17:07	1
Potassium	**5610**		5000	676	ug/L		03/20/25 13:31	04/01/25 17:07	1
Sodium	**20500**		1000	300	ug/L		03/20/25 13:31	04/01/25 17:07	1
Vanadium	**4.3**	**B C**	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 17:07	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 17:07	1

Method: SW846 6020B - Metals (ICP/MS)

Client Sample ID: B4KB55
Date Collected: 03/18/25 10:55
Date Received: 03/19/25 08:35

Lab Sample ID: 160-57488-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**92.6**	**D**	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:13	2
Uranium	**1190**	**D**	1.0	0.15	ug/L		03/20/25 13:24	03/27/25 16:13	2

Client Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: SW846 6020B - Metals (ICP/MS)

Client Sample ID: B4KB56
Date Collected: 03/18/25 10:55
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	89.8	D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:23	2
Uranium	1170	D	1.0	0.15	ug/L		03/20/25 13:24	03/27/25 16:23	2

Client Sample ID: B4L233
Date Collected: 03/18/25 08:30
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	4.8	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:36	2

Client Sample ID: B4L2J0
Date Collected: 03/18/25 10:40
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.0	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:42	2

Client Sample ID: B4L266
Date Collected: 03/18/25 09:50
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.1	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:51	2

Client Sample ID: B4L272
Date Collected: 03/18/25 09:12
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.7	D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:57	2

Client Sample ID: B4L279
Date Collected: 03/18/25 07:00
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.3	U D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:02	2

Client Sample ID: B4L280
Date Collected: 03/18/25 11:03
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	3.3	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:08	2

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Client Sample ID: B4KB59
Date Collected: 03/18/25 10:55
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	24.6	D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:20	2
Uranium	1150	D	1.0	0.15	ug/L		03/20/25 13:24	03/27/25 16:20	2

Client Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Client Sample ID: B4KB60
Date Collected: 03/18/25 10:55
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	24.0	D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:26	2
Uranium	1130	D	1.0	0.15	ug/L		03/20/25 13:24	03/27/25 16:26	2

Client Sample ID: B4L236
Date Collected: 03/18/25 08:30
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	4.9	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:39	2

Client Sample ID: B4L2J3
Date Collected: 03/18/25 10:40
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.3	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:49	2

Client Sample ID: B4L269
Date Collected: 03/18/25 09:50
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.1	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:54	2

Client Sample ID: B4L275
Date Collected: 03/18/25 09:12
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.3	D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:00	2

Client Sample ID: B4L285
Date Collected: 03/18/25 07:00
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.3	U D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:05	2

Client Sample ID: B4L286
Date Collected: 03/18/25 11:03
Date Received: 03/19/25 08:35
Lab Sample ID: 160-57488-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	3.4	B D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 16:10	2

QC Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 160-708700/1-A
Matrix: Water
Analysis Batch: 710437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 15:04	1
Iron	39.2	U	100	39.2	ug/L		03/20/25 13:31	04/01/25 15:04	1
Magnesium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 15:04	1
Potassium	676	U	5000	676	ug/L		03/20/25 13:31	04/01/25 15:04	1
Sodium	300	U	1000	300	ug/L		03/20/25 13:31	04/01/25 15:04	1
Vanadium	7.90	B	50.0	4.0	ug/L		03/20/25 13:31	04/01/25 15:04	1
Zinc	6.0	U	20.0	6.0	ug/L		03/20/25 13:31	04/01/25 15:04	1

Lab Sample ID: LCS 160-708700/2-A
Matrix: Water
Analysis Batch: 710437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10000	9331		ug/L		93	80 - 120
Iron	10000	10050		ug/L		100	80 - 120
Magnesium	10000	10180		ug/L		102	80 - 120
Potassium	10000	10100		ug/L		101	80 - 120
Sodium	10000	10220		ug/L		102	80 - 120
Vanadium	1000	998.4		ug/L		100	80 - 120
Zinc	1000	912.1		ug/L		91	80 - 120

Lab Sample ID: 160-57489-A-3-E MS
Matrix: Water
Analysis Batch: 710437

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 708700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	42900		10000	53140	X	ug/L		102	75 - 125
Iron	190		10000	9608		ug/L		94	75 - 125
Magnesium	11200		10000	20500		ug/L		94	75 - 125
Potassium	6640		10000	16070		ug/L		94	75 - 125
Sodium	33300		10000	42510		ug/L		93	75 - 125
Vanadium	19.0	B C	1000	967.0		ug/L		95	75 - 125
Zinc	6.0	U	1000	918.5		ug/L		92	75 - 125

Lab Sample ID: 160-57489-A-3-F MSD
Matrix: Water
Analysis Batch: 710437

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 708700

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	42900		10000	51540	X	ug/L		86	75 - 125	3	20
Iron	190		10000	9596		ug/L		94	75 - 125	0	20
Magnesium	11200		10000	20220		ug/L		91	75 - 125	1	20
Potassium	6640		10000	15910		ug/L		93	75 - 125	1	20
Sodium	33300		10000	41670		ug/L		84	75 - 125	2	20
Vanadium	19.0	B C	1000	962.4		ug/L		94	75 - 125	0	20
Zinc	6.0	U	1000	911.8		ug/L		91	75 - 125	1	20

QC Sample Results

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 160-708697/1-A
Matrix: Water
Analysis Batch: 709936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.3	U D	10.0	1.3	ug/L		03/20/25 13:24	03/27/25 15:05	2
Uranium	0.15	U D	1.0	0.15	ug/L		03/20/25 13:24	03/27/25 15:05	2

Lab Sample ID: LCS 160-708697/2-A
Matrix: Water
Analysis Batch: 709936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	1000	1012	D	ug/L		101	80 - 120
Uranium	1000	1018	D	ug/L		102	80 - 120

Lab Sample ID: 160-57489-A-3-B MS
Matrix: Water
Analysis Batch: 709936

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 708697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	129	D	1000	1112	D	ug/L		98	75 - 125
Uranium	4.1	D	1000	1021	D	ug/L		102	75 - 125

Lab Sample ID: 160-57489-A-3-C MSD
Matrix: Water
Analysis Batch: 709936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 708697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	129	D	1000	1120	D	ug/L		99	75 - 125	1	20
Uranium	4.1	D	1000	1022	D	ug/L		102	75 - 125	0	20

QC Association Summary

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Metals

Prep Batch: 708697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-1	B4KB55	Total/NA	Water	3010A	
160-57488-2	B4KB59	Dissolved	Water	3010A	
160-57488-3	B4KB56	Total/NA	Water	3010A	
160-57488-4	B4KB60	Dissolved	Water	3010A	
160-57488-5	B4L233	Total/NA	Water	3010A	
160-57488-6	B4L236	Dissolved	Water	3010A	
160-57488-7	B4L2J0	Total/NA	Water	3010A	
160-57488-8	B4L2J3	Dissolved	Water	3010A	
160-57488-9	B4L266	Total/NA	Water	3010A	
160-57488-10	B4L269	Dissolved	Water	3010A	
160-57488-11	B4L272	Total/NA	Water	3010A	
160-57488-12	B4L275	Dissolved	Water	3010A	
160-57488-13	B4L279	Total/NA	Water	3010A	
160-57488-14	B4L285	Dissolved	Water	3010A	
160-57488-15	B4L280	Total/NA	Water	3010A	
160-57488-16	B4L286	Dissolved	Water	3010A	
MB 160-708697/1-A	Method Blank	Total/NA	Water	3010A	
LCS 160-708697/2-A	Lab Control Sample	Total/NA	Water	3010A	
160-57489-A-3-B MS	Matrix Spike	Total/NA	Water	3010A	
160-57489-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 708700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-5	B4L233	Total/NA	Water	3010A	
160-57488-6	B4L236	Dissolved	Water	3010A	
160-57488-7	B4L2J0	Total/NA	Water	3010A	
160-57488-8	B4L2J3	Dissolved	Water	3010A	
160-57488-9	B4L266	Total/NA	Water	3010A	
160-57488-10	B4L269	Dissolved	Water	3010A	
160-57488-11	B4L272	Total/NA	Water	3010A	
160-57488-12	B4L275	Dissolved	Water	3010A	
160-57488-13	B4L279	Total/NA	Water	3010A	
160-57488-14	B4L285	Dissolved	Water	3010A	
160-57488-15	B4L280	Total/NA	Water	3010A	
160-57488-16	B4L286	Dissolved	Water	3010A	
MB 160-708700/1-A	Method Blank	Total/NA	Water	3010A	
LCS 160-708700/2-A	Lab Control Sample	Total/NA	Water	3010A	
160-57489-A-3-E MS	Matrix Spike	Total/NA	Water	3010A	
160-57489-A-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 709821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-16	B4L286	Dissolved	Water	6010D	708700

Analysis Batch: 709936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-1	B4KB55	Total/NA	Water	6020B	708697
160-57488-2	B4KB59	Dissolved	Water	6020B	708697
160-57488-3	B4KB56	Total/NA	Water	6020B	708697
160-57488-4	B4KB60	Dissolved	Water	6020B	708697
160-57488-5	B4L233	Total/NA	Water	6020B	708697

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QC Association Summary

Client: Central Plateau Cleanup Company LLC
Project/Site: T25-024, T25-030

Job ID: 160-57488-1
SDG: SL57488-1

Metals (Continued)

Analysis Batch: 709936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-6	B4L236	Dissolved	Water	6020B	708697
160-57488-7	B4L2J0	Total/NA	Water	6020B	708697
160-57488-8	B4L2J3	Dissolved	Water	6020B	708697
160-57488-9	B4L266	Total/NA	Water	6020B	708697
160-57488-10	B4L269	Dissolved	Water	6020B	708697
160-57488-11	B4L272	Total/NA	Water	6020B	708697
160-57488-12	B4L275	Dissolved	Water	6020B	708697
160-57488-13	B4L279	Total/NA	Water	6020B	708697
160-57488-14	B4L285	Dissolved	Water	6020B	708697
160-57488-15	B4L280	Total/NA	Water	6020B	708697
160-57488-16	B4L286	Dissolved	Water	6020B	708697
MB 160-708697/1-A	Method Blank	Total/NA	Water	6020B	708697
LCS 160-708697/2-A	Lab Control Sample	Total/NA	Water	6020B	708697
160-57489-A-3-B MS	Matrix Spike	Total/NA	Water	6020B	708697
160-57489-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	708697

Analysis Batch: 710437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57488-5	B4L233	Total/NA	Water	6010D	708700
160-57488-6	B4L236	Dissolved	Water	6010D	708700
160-57488-7	B4L2J0	Total/NA	Water	6010D	708700
160-57488-8	B4L2J3	Dissolved	Water	6010D	708700
160-57488-9	B4L266	Total/NA	Water	6010D	708700
160-57488-10	B4L269	Dissolved	Water	6010D	708700
160-57488-11	B4L272	Total/NA	Water	6010D	708700
160-57488-12	B4L275	Dissolved	Water	6010D	708700
160-57488-13	B4L279	Total/NA	Water	6010D	708700
160-57488-14	B4L285	Dissolved	Water	6010D	708700
160-57488-15	B4L280	Total/NA	Water	6010D	708700
160-57488-16	B4L286	Dissolved	Water	6010D	708700
MB 160-708700/1-A	Method Blank	Total/NA	Water	6010D	708700
LCS 160-708700/2-A	Lab Control Sample	Total/NA	Water	6010D	708700
160-57489-A-3-E MS	Matrix Spike	Total/NA	Water	6010D	708700
160-57489-A-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	708700