FINAL ANALYTICAL REPORT FOR SOLID SAMPLES TAKEN FROM 277-T OUTDOOR STORAGE AREA 2026

Sample Group No.: 222S20260050

Emily Sutey
Navarro-ATL, Inc.

Date Published
March 19, 2026

Prepared for:

CPCCo
Central Plateau Cleanup Company
an Amentum, Fluor, Atkins LLC
A prime contractor for the U.S. Department of Energy

Central Plateau Cleanup Company
Richland, WA 99352

Prepared by:

NAVARRO-ATL

Navarro-ATL, Inc.
2425 Stevens Center Pl.
Richland, WA 99352
509-373-6979
Contract No.: 89303320CEM000075

Sutey, Emily A Digitally signed by Sutey, Emily A
Date: 2026.03.19 10:46:11 -07'00'

Emily Sutey, Navarro-ATL Analytical Project Specialist

Higgins, Keri L Digitally signed by Higgins, Keri L
Date: 2026.03.19 10:42:24 -07'00'

Keri Higgins, Navarro-ATL Quality Assurance Specialist

Table of Contents

1. Introduction 1
   1.1 Disclaimers 1
2. Sample Receipt and Appearance Information 2
3. Analytical Results Summary 3
   3.1 Holding Times 3
   3.2 Sample Digestions 3
      3.2.1 Water Digestion 3
   3.3 Inorganic Analyses 3
      3.3.1 Ion Chromatography 3
4. Procedures 4
5. References 4
6. Appendices v
   Appendix A Data Summary Report A-1
   Appendix B Sample Receipt Documentation B-1
   Appendix C Sample Breakdown Diagram C-1
   Appendix D Analysis Date and Holding Time Report D-1
   Appendix E Correspondence E-1
   Appendix F Sampling Authorization Form F-1

LIST OF TABLES

Table 1. Sample Receipt and Appearance Information 2

Table 2. Analytical Procedures 4

LIST OF TERMS

Acronyms and Abbreviations

DL	detection limit
GC/MS	gas chromatography/mass spectrometer
IC	ion chromatography
MDL	method detection limit
PQL	program quantitation limit
QC	quality control
RDL	required detection limit
RPD	relative percent difference
SAF	Sampling Authorization Form

Units

g	gram
µg/g	micrograms per gram
mL	milliliter
%	percent

222-S LABORATORY

Final Analytical Report for Solid Samples Taken from 277-T Outdoor Storage Area 2026

1. INTRODUCTION

This report presents the final results for the 277-T Outdoor Storage Area solid samples taken on March 2, 2026. The samples were analyzed in accordance with Central Plateau Cleanup Company Sampling Authorization Form (SAF) F25-034, *277-T Outdoor Storage Area – Soil Samples – RCRA Closure* (see Appendix F, Sampling Authorization Form); HLMI-PLN-ASYS-50094, *222-S Laboratory Quality Assurance Program Plan;* SW-846, *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*; and the additional guidance given in verbal and electronic communications, which can be found in Appendix E, Correspondence.

The following appendices are also included in this report:

Appendix A	Data Summary Report
Appendix B	Sample Receipt Documentation
Appendix C	Sample Breakdown Diagrams
Appendix D	Analysis Date and Holding Time Report
Appendix E	Correspondence
Appendix F	Sampling Authorization Form

1.1 DISCLAIMERS

- The information contained in this report is intended only for the use of the authorized customer or Department of Energy staff. This report is considered proprietary and is not intended for further dissemination unless released for public use (International Standard for Testing 17025, *General Requirements for the Competence of Testing and Calibration Laboratories*).
- Requirements or anomalies concerning field sampling are not addressed in this report.
- Analytical results apply to the samples as received unless otherwise noted in the analytical results summary (e.g., dry weight results).
- The results shown in this report pertain only to the actual samples tested.
- Sample results have not been corrected based on any blank results.
- These results conform to the requirements specified in the referenced methods/procedures and specifications provided verbally or electronically by the customer. Any deviations or modifications are discussed in the following narrative.
- This report may not be reproduced, except in its entirety, without the written approval of Navarro-ATL or the customer.

2. SAMPLE RECEIPT AND APPEARANCE INFORMATION

Ten solid samples were collected from the 277-T Outdoor Storage Area on March 2, 2026. The 222-S Laboratory received the samples on March 2, 2026. Sampling and receipt dates and descriptions of the samples are presented in Table 1. The data on the chain of custody forms were verified. The samples were observed for appearance and transferred to a refrigerator for storage after the completion of sample receipt.

Sample receipt logs can be found in Appendix B, Sample Receipt Documentation. Sample Breakdown Diagrams can be found in Appendix C, Sample Breakdown Diagrams.

Table 1. Sample Receipt and Appearance Information

Sample Identification	Date/Time Sampled	Date/Time Receipt	Sample Weight (g)	Sample Demographics
B4NT49 (S25M000373)	03/02/2026 09:00	03/02/2026 12:05	101.850	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT51 (S25M000374)	03/02/2026 09:00	03/02/2026 12:05	98.529	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT53 (S25M000375)	03/02/2026 09:15	03/02/2026 12:05	108.98	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT55 (S25M000376)	03/02/2026 09:40	03/02/2026 12:05	107.887	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT57 (S25M000385)	03/02/2026 10:15	03/02/2026 12:05	98.471	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT59 (S25M000386)	03/02/2026 10:45	03/02/2026 12:05	104.296	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT61 (S25M000387)	03/02/2026 10:40	03/02/2026 12:05	109.765	Received approximately 60 mL of light brown silica material in an amber glass bottle.
B4NT63 (S25M000388)	03/02/2026 11:05	03/02/2026 12:05	102.41	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4NT65 (S25M000397)	03/02/2026 11:20	03/02/2026 12:05	109.864	Received approximately 60 mL of dark brown soil material in an amber glass bottle.
B4TCR3 (S25M000490)	03/02/2026 08:30	03/02/2026 12:05	116.962	Received approximately 60 mL of dark brown soil material in an amber glass bottle.

3. ANALYTICAL RESULTS SUMMARY

Most SW-846 test methods performed at the 222-S Laboratory contain deviations that are listed in the analytical procedures.

In Appendix A, Data Summary Report, the column labeled as "A#" indicates the aliquot class or the method used for sample preparation before analysis. "W" indicates samples were prepared by a water digest/leach. Samples without a letter identifier in the "A#" column were analyzed directly with no separate preparation analysis or with sample preparation performed as part of the procedure steps.

Data qualifiers were applied as directed in HLMI-PRO-LQ-51283, *Flagging Data in Laboratory Information Management System*.

3.1 HOLDING TIMES

The laboratory is expected to meet the holding times for sample preparation and analysis specified in HLMI-PLN-ASYS-50094.

Analysis dates and holding times for all samples are presented in Appendix D, Analysis Date and Holding Time Report.

3.2 SAMPLE DIGESTIONS

The SAF did not define which preparatory method was to be used for analysis; therefore, the laboratory utilized the most appropriate method.

3.2.1 Water Digestion

A water digestion or leach was performed for anions by ion chromatography (IC).
Sample S25M000391 was observed to be pink to white in coloring, with different-sized granular particles. All other samples were uniform, darkly colored dirt. The samples were cloudy after leaching and translucent after filtration.

3.3 INORGANIC ANALYSES

All analyses were performed on the samples as directed by the SAF.

3.3.1 Ion Chromatography

3.3.1.1 Anions and Small Organic Acids

The IC analysis for formate was performed as requested on all samples. An aliquot of the water-digested sample was analyzed. The matrix spike percent recoveries met the quality control criteria range of 75%–125%. The duplicate relative percent difference is not calculated, as the duplicate results and sample results are less than the detection limit (DL).

Samples were analyzed for formate within the hold time. There is no required detection limit defined in the SAF. Formate was not detected above the DL for all samples; therefore, the results for these analytes were "U" flagged in the corresponding samples.

4. PROCEDURES

Table 2. Analytical Procedures

Analysis	Preparation Method	Analysis Procedure
Inorganic Analyses		
Sample Physical Descriptions	Direct	LA-519-151
IC – Anions and Small Organic Acids	Water digest: LA-504-101	LA-533-166

5. REFERENCES

HLMI-PLN-ASYS-50094, *222-S Laboratory Quality Assurance Program Plan*, Revision 1-8, Hanford Laboratory Management and Integration, LLC, Richland, Washington.

HLMI-PRO-LQ-51283, *Flagging Data in Laboratory Information Management System,* Rev. 0-2, Hanford Laboratory Management and Integration, LLC, Richland, Washington.

SAF F25-034, Rev. 1, 2025, *277-T Outdoor Storage Area – Soil Samples – RCRA Closure,* Central Plateau Cleanup Company, Richland, Washington

SW-846, 1986, *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods,* Third Edition, as amended, U.S. Environmental Protection Agency, Washington, D.C.

6. APPENDICES

This page is intentionally left blank.

Appendix A

Data Summary Report

(12 pages, including cover sheet)

10 - Mar - 2026 8:42:21
DSRHardcopyWOLimits 3.2.0a
DSR.Jar v. 3.2.0a

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT49
Customer Sample ID: B4NT49

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000381	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.658	<0.658	n/a	n/a	99.0	0.658	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT51
Customer Sample ID: B4NT51

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000382	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.658	n/a	n/a	n/a	n/a	0.658	n/a	U

NA = Not Analyzed, ND = Not Detected

10 - Mar - 2026 8:42:21
DSRHardcopyWOLimits 3.2.0a
DSR.Jar v. 3.2.0a

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT53
Customer Sample ID: B4NT53

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000383	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.655	n/a	n/a	n/a	n/a	0.655	n/a	U

NA = Not Analyzed, ND = Not Detected

10 - Mar - 2026 8:42:21
DSRHardcopyWOLimits 3.2.0a
DSR.Jar v. 3.2.0a

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT55
Customer Sample ID: B4NT55

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000384	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.657	n/a	n/a	n/a	n/a	0.657	n/a	U

NA = Not Analyzed, ND = Not Detected

10 - Mar - 2026 8:42:21
DSRHardcopyWOLimits 3.2.0a
DSR.Jar v. 3.2.0a

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT57
Customer Sample ID: B4NT57

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000393	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.655	n/a	n/a	n/a	n/a	0.655	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT59
Customer Sample ID: B4NT59

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000394	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.659	n/a	n/a	n/a	n/a	0.659	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT61
Customer Sample ID: B4NT61

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000395	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.660	n/a	n/a	n/a	n/a	0.660	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT63
Customer Sample ID: B4NT63

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000396	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.653	n/a	n/a	n/a	n/a	0.653	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4NT65
Customer Sample ID: B4NT65

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S25M000405	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.652	n/a	n/a	n/a	n/a	0.652	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Sample Group: 20260050
Project Coordinator: Sutey, Emily
Customer Sample ID: B4TCR3
Customer Sample ID: B4TCR3

Sample#	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
Anions and Small Organic Acids														
S26M000492	W	12311-97-6	Formate	ug/g	96.3	<0.660	<0.656	n/a	n/a	n/a	n/a	0.656	n/a	U

NA = Not Analyzed, ND = Not Detected

277-T Outdoor Storage Area
Data Summary Report

Data Qualifier Description

QUALIFIER	DESCRIPTION
U	Less Than Detection Limit

NA = Not Analyzed, ND = Not Detected

Appendix B

Sample Receipt Documentation

(14 pages, including cover sheet)

SAMPLE RECEIPT AND CHAIN OF CUSTODY VERIFICATION CHECKLIST - 222-S

Thermometer No.: 250352730 Cal Due Date: 06/04/2027 HLMI-PRO-LO-50131 REV: 1-0

Date Samples Received: 03-02-26 Total Number of Samples: 10 Group No.: ~~7025025~~ 9 20260050 ES 3/2/26

Sample Custodian: Steven Kuuma Delivered by Name: Anthony Nagels

Sample Custodian to Complete

Action	Yes	No	N/A	Comments
RSR provided?	☑	○	○	
Verify GKI is complete	☑	○	○	☑ In Project File
Received from an alpha facility?	○		☑	☐ Contact PC for approval to release
Check that outer custody seal is intact, if present	☑	○	○	
Record cooler temperature if needed	☑	○	○	☐ Check if no cooler and/or no ice -0.1 °C Temperature
Samples are intact and in good condition	☑	○	○	If No, provide comments below.
RSA/COC provided and complete containing the following information?				
• Client name and client sample number	☑	○	○	
• Date and time of sampling	☑	○	○	
• Sampling location or origin	☑	○	○	
• Container type, size, and number	☑	○	○	
• Preservatives *(if used)* noted on the COC/RSA and sample bottles	☑	○	○	
• Analysis request is clear or referred	☑	○	○	☑ In Project File
• Signature of person(s) relinquishing and receiving samples	☑	○	○	
• Date and/or time of sample custody exchange	☑	○	○	
Verify that sample numbers on containers match the COC and/or RSA	☑	○	○	
Samples stored properly *(e.g., refrigeration)*	☑	○	○	

Notify the PC immediately if any problems are noted. Any "No" checked boxes require PC resolution.

Samples acceptable for release? ☑ Yes ○ No SC Initials: [signature] Date: 03-02-26

If No, comment on communication and resolution:

Sample Type Received: 10 –

277-T Outdoor Storage area

A-6005-302 (REV 12)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F25-034-001	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-1	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT49	N/A	SOIL	MAR 0 2 2026	0900	0900 ✓

3-2-26

CHAIN OF POSSESSION RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
Anthony Noggles / CPCC	MAR 0 2 2026 1205	Steven Rucasmo	MAR 0 2 2026 1205	TRVL-25-089 Tare weight: 90.30

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161719 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-003	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days	
SAMPLING LOCATION 277-T OSA FS-1 DUP	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_I C: COMMON (Add-on) (Formate);

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT51	N/A	SOIL	MAR 0 2 2026	0900	✓

CHAIN OF POSSESSION RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
Anthony Noggles / CPCC	MAR 0 2 2026 1205		MAR 0 2 2026 1205	TRVL-25-089 Tare weight: 87.30

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161720 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F25-034-005	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-2	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	ORIGINAL
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-50742	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT53	N/A	SOIL	MAR 0 2 2026	0915	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1205	Steven R Macaw	MAR 0 2 2026 1205

SPECIAL INSTRUCTIONS
TRVL-25-089
89.46
Tare Weight: 88.67
3-2-26

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161721 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-007	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days	
SAMPLING LOCATION 277-T OSA FS-3	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT55	N/A	SOIL	MAR 0 2 2026	0940	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1205		MAR 0 2 2026 1205

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 88.55

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161722 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F25-034-009	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-4	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT57	N/A	SOIL	MAR 0 2 2026	1015	V

CHAIN OF POSSESSION RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1205	Steven Freeman	MAR 0 2 2026 1205

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 87.88

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161723 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-011	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC		**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-5	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N- 507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT59	N/A	SOIL	MAR 0 2 2026	1045	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1205	Steven Maarum	MAR 0 2 2026 1205

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 87.62

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161724 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-013	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC		**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-5 FTB	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** N/A ~~0"-6"~~ 3-2-26	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT61	N/A	SOIL	MAR 0 2 2026	1040	✓

CHAIN OF POSSESSION RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1105		MAR 0 2 2026 1105

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 8837

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 **FSR ID = FSR161725** **TRVL NUM = TRVL-25-089** Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-015	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days	
SAMPLING LOCATION 277-T OSA FS-6	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	ORIGINAL	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N- 507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_I C: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT63	N/A	SOIL	MAR 0 2 2026	1105	✓

CHAIN OF POSSESSION RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1105		MAR 0 2 2026 1205

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 88.43

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 8/13/2025 FSR ID = FSR161726 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-017	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC		**REQUIRED TAT** 30 Days
SAMPLING LOCATION 277-T OSA FS-7	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-50742	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4NT65	N/A	SOIL	MAR 0 2 2026	1120	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Anthony Noggles / CPCC	MAR 0 2 2026 1105		MAR 0 2 2026 1205

SPECIAL INSTRUCTIONS
TRVL-25-089

Tare Weight: 87.45

FINAL SAMPLE DISPOSITION | **DISPOSAL METHOD** | **DISPOSED BY** | **DATE/TIME**

PRINTED ON 8/13/2025 FSR ID = FSR161727 TRVL NUM = TRVL-25-089 Format: (2/29/2024)

Central Plateau Cleanup Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F25-034-081	PAGE 1 OF 1
COLLECTOR Anthony Noggles / CPCC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** SUMNER, LC	**REQUIRED TAT** 30 Days	
SAMPLING LOCATION 277-C CONT 1	**PROJECT DESIGNATION** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure		**SAF NO.** F25-034	**ORIGINAL**	
ICE CHEST NO. N/A	**FIELD LOG BOOK NO.** HNF-N-507 42	**ACTUAL SAMPLE DEPTH** 0"-6"	**PURCHASE ORDER/CHARGE CODE** 901635	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO 222-S Lab Operations	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX* A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegetation, W=Water, WI=Wipe, X=Other

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

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool <=6C
HOLDING TIME	28 Days/48 Hours
TYPE OF CONTAINER	G/P
NO. OF CONTAINERS	1
VOLUME	60mL
SAMPLE ANALYSIS	9056_ANIONS_IC: COMMON (Add-on) {Formate};

SAMPLE NO.	FILTERED	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B4TCR3	N/A	SOIL	MAR 0 2 2026	0830	✓

CHAIN OF POSSESION RELINQUISHED BY/ REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
Anthony Noggles / CPCC	MAR 0 2 2026 1605	Steven Rancurca	MAR 0 2 2026 1605	TRVL-25-089 TW 90.241

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

PRINTED ON 2/18/2026 **FSR ID =** FSR167114 **TRVL NUM =** TRVL-25-089 Report Format: 02/29/2024

GENERATOR KNOWLEDGE INFORMATION

1. Chain of Custody Number:	CACN/COA: 901635/JCPC	Customer Identification Number:

2. List generator knowledge or description of process that produced sample. Or list description of sample source:
Soil sampling to support RCRA clean closure for the 277-T Outdoor Storage Area.

MSDS Available? ☐ Yes ☒ No Hanford MSDS Number: _____

3. List all waste codes and constituents associated with the waste or media that was sampled, regardless of CERCLA status
a) Does the sample contain any of the following listed waste codes?
By checking "unknown" the customer understands that no knowledge is available following a careful search.

Waste Codes	List Constituent(s)		Chemical Abstract Service Number	Yes	No	Un-known
P Codes:	022	Carbon disulfide	75-15-0	☒	☐	☐
P Codes:	023	Chloroacetaldehyde	107-20-0	☒	☐	☐
P Codes:	030	Total cyanides	57-12-5	☒	☐	☐
P Codes:	120	Vanadium pentoxide	1314-62-1	☒	☐	☐
U Codes:	001	Acetaldehyde	75-07-0	☒	☐	☐
U Codes:	006	Acetyl chloride	75-36-5	☒	☐	☐
U Codes:	025	bis (2-chloroethyl) ether (dichloroethyl ether)	111-44-4	☒	☐	☐
U Codes:	031	n-butyl alcohol	71-36-3	☒	☐	☐
U Codes:	057	Cyclohexanone	108-94-1	☒	☐	☐
U Codes:	108	1,4-Dioxane	123-91-1	☒	☐	☐
U Codes:	117	Diethyl ether	60-29-7	☒	☐	☐
U Codes:	123	Formic acid	64-18-6	☒	☐	☐
U Codes:	161	Methyl isobutyl ketone	108-10-1	☒	☐	☐
U Codes:	213	Tetrahydrofuran	109-99-9	☒	☐	☐
U Codes:	226	1,1,1-Trichloroethane	71-55-6	☒	☐	☐
U Codes:	359	2-Ethoxyethanol	110-80-5	☒	☐	☐
K Codes:				☐	☒	☐
F Codes				☐	☒	☐

* Individual cresol isomers can be addressed by total cresols. Meta (m) and para (p) isomers are considered difficult to distinguish and are often reported together.

b) List applicable characteristic waste codes, flash point, pH, constituents, and concentrations, as appropriate.

D001	☐ FP < 100°F	☐ FP ≥ 100° < 140°F	☐ DOT Oxidizer	☐	☒	☐
D002	☐ pH ≤ 2	☐ pH ≥ 12.5	☐ Solid Corrosive *(WSC2)*	☐	☒	☐
D003	☐ Cyanide	☐ Sulfide	☐ Water Reactive	☐	☒	☐
	☐ Other:		*(i.e., peroxide, former explosive, air reactive)*			
D004-D043 *(Identify applicable waste codes and concentrations)*:				☒	☐	☐

004-011, 018, 019, 022, 030, 034, 035, 037, 039, 040, 043

c) If characteristic, list any known Underlying Hazardous Constituents (UHCs) reasonable expected to be present, and their concentrations that may be present above the Land Disposal Restrictions (LDR) treatment standard *(40 CFR 265.48)*.

Unknown

d) List any known LDR subcategories, if applicable *(40 CFR 268.40)*.

GENERATOR KNOWLEDGE INFORMATION (Continued)

1. Chain of Custody Number:	CACN/COA: 901635/JCPC	Customer Identification Number:

e) List any applicable Washington State Dangerous Waste Codes *(not required if federally regulated):*

	Yes	No	Un-known		*(*State mixture rule for ignitability)*	Yes	No	Un-known
WT01	☐	☒	☐		WP01	☐	☒	☐
WT02	☐	☒	☐		WP02	☐	☒	☐
W001	☐	☒	☐		WP03	☐	☒	☐
					F003*	☐	☒	☐

List constituents and concentrations:

4. Is this material TSCA regulated for PCBs? ☐ Yes ☒ No ☐ Unknown ☐ Analysis Requested
   List concentration, if applicable:
   If Yes, what is the source of the PCBs? *(see DOE/RL-2001-50, TSCA PCB Hanford Site User Guide)*
   ☐ PCB Liquid Waste ☐ PCB Bulk Product Waste ☐ PCB Transformer ≥ 500 ppm ☐ Unknown
   ☐ PCB Remediation Waste ☐ PCB R&D Waste ☐ PCB Contaminated Electrical Equipment *(capacitor/ballast)* < 500 ppm
   ☐ PCB Spill Material ☐ PCB Item ☐ Other PCB Waste *(list)*:

5. Does this sample/material contain transuranic radionuclides at a concentration greater than 100 nCi/g? ☐ Yes ☒ No ☐ Unknown

6. Accuracy of Information:
   Based on my inquiry of those individuals immediately responsible for obtaining this information, that to the best of my knowledge, the information entered in this document is true, accurate, and complete.

Bob Cathel
Print First and Last Name

Cathel, Robert L Digitally signed by Cathel, Robert L Date: 2025.06.26 13:03:39 -07'00'
Signature / Date

Appendix C

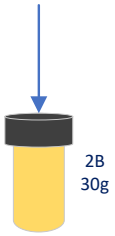
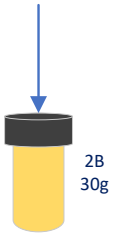
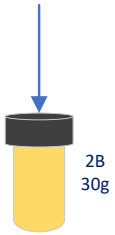
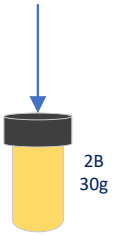
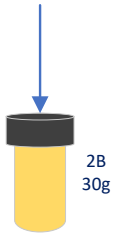
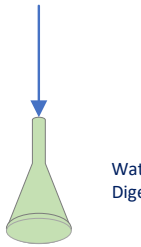
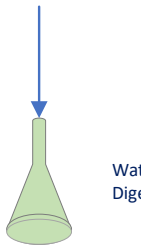
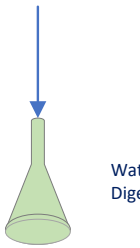
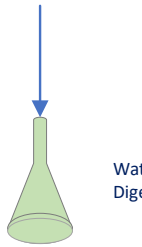
Sample Breakdown Diagram

(3 pages including cover sheet)

277-T Outdoor Storage Area
Non-TCD/CPCCo
Group: 20260050

KEEP REFRIGERATED

Analytical Notes:
Use the largest sample size (the least dilution) possible to obtain the lowest possible detection limit.

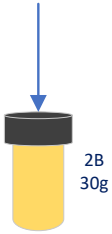
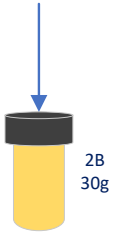
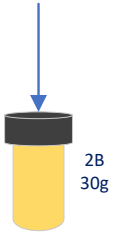
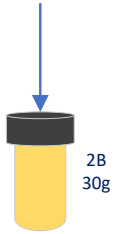
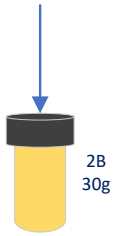
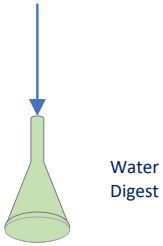
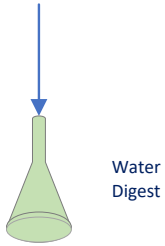
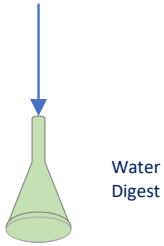
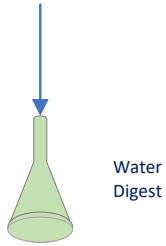
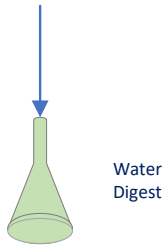
Sample ID: B4NT49	Sample ID: B4NT51	Sample ID: B4NT53	Sample ID: B4NT55	Sample ID: B4NT57
60mL Solid 2B	60mL Solid 2B	60mL Solid 2B	60mL Solid 2B	60mL Solid 2B
S25M000373 BRKDWN SAMPLE	S25M000374 BRKDWN SAMPLE	S25M000375 BRKDWN SAMPLE	S25M000376 BRKDWN SAMPLE	S25M000385 BRKDWN SAMPLE
 2B 30g	 2B 30g	 2B 30g	 2B 30g	 2B 30g
S25M000377 Dose Rate 2B SAMP AMT – 2B	S25M000378 Dose Rate 2B SAMP AMT – 2B	S25M000379 Dose Rate 2B SAMP AMT – 2B	S25M000380 Dose Rate 2B SAMP AMT – 2B	S25M000389 Dose Rate 2B SAMP AMT – 2B
 Water Digest	Water Digest	 Water Digest	 Water Digest	 Water Digest
S25M000381 IC-anions/org (formate)	S25M000382 IC-anions/org (formate)	S25M000383 IC-anions/org (formate)	S25M000384 IC-anions/org (formate)	S25M000393 IC-anions/org (formate)

REV 0
Pg. 3 of 4

277-T Outdoor Storage Area
Non-TCD/CPCCo
Group: 20260050

KEEP REFRIGERATED

Analytical Notes:
Use the largest sample size (the least dilution) possible to obtain the lowest possible detection limit.

Sample ID: B4NT59	Sample ID: B4NT61	Sample ID: B4NT63	Sample ID: B4NT65	Sample ID: B4TCR3
60mL Solid 2B	60mL Solid 2B	60mL Solid 2B	60mL Solid 2B	60mL Solid 2B
S25M000386 BRKDWN SAMPLE	S25M000387 BRKDWN SAMPLE	S25M000388 BRKDWN SAMPLE	S25M000397 BRKDWN SAMPLE	S25M000490 BRKDWN SAMPLE
 2B 30g	 2B 30g	 2B 30g	 2B 30g	 2B 30g
S25M000390 Dose Rate 2B SAMP AMT – 2B	S25M000391 Dose Rate 2B SAMP AMT – 2B	S25M000392 Dose Rate 2B SAMP AMT – 2B	S25M000401 Dose Rate 2B SAMP AMT – 2B	S25M000491 Dose Rate 2B SAMP AMT – 2B
 Water Digest	 Water Digest	 Water Digest	 Water Digest	 Water Digest
S25M000394 IC-anions/org (formate)	S25M000395 IC-anions/org (formate)	S25M000396 IC-anions/org (formate)	S25M000405 IC-anions/org (formate)	S25M000492 IC-anions/org (formate)

REV 0
Pg. 4 of 4

Appendix D

Analysis Date and Holding Time Report

(2 pages including cover sheet)

Appendix D: Analysis Date and Holding Time Report

Sample	Customer ID	Method	Prep Method	Sample Date/Time	Received Date/Time	Prep Date/Time	Analysis Date/Time	Missed Holding Time
S25M000381	B4NT49	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 09:00	03/02/2026 12:05	03/04/2026 11:43	03/04/26 16:19	N
S25M000382	B4NT51	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 09:00	03/02/2026 12:05	03/04/2026 11:46	03/04/26 18:46	N
S25M000383	B4NT53	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 09:15	03/02/2026 12:05	03/04/2026 11:46	03/04/26 19:23	N
S25M000384	B4NT55	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 09:40	03/02/2026 12:05	03/04/2026 11:48	03/04/26 20:00	N
S25M000393	B4NT57	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 10:15	03/02/2026 12:05	03/04/2026 11:48	03/04/26 20:37	N
S25M000394	B4NT59	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 10:45	03/02/2026 12:05	03/04/2026 11:49	03/04/26 22:27	N
S25M000395	B4NT61	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 10:40	03/02/2026 12:05	03/04/2026 11:51	03/04/26 23:04	N
S25M000396	B4NT63	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 11:05	03/02/2026 12:05	03/04/2026 11:51	03/04/26 23:41	N
S25M000405	B4NT65	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 11:20	03/02/2026 12:05	03/04/2026 11:52	03/05/26 00:18	N
S26M000492	B4TCR3	IC - ANIONS/SMALL ORG. ACIDS	WATER DIGEST	03/02/26 08:10	03/02/2026 12:05	03/04/2026 11:53	03/05/26 00:55	N

Appendix E

Correspondence

(2 pages including cover sheet)

From: Medley, Heather A
To: Sutey, Emily A; Vasquez, Joan A
Cc: Noyes, Gary W; Menjivar, Carolina E; Sumner, Laine C; Finley, Eric A; Black, Amanda M
Subject: T-Plant RCRA sampling
Date: Wednesday, February 11, 2026 9:25:57 AM
Attachments: image001.png
F25-033_211-TPAD - Soil Samples - RCRA Closure - Rev0.pdf
F25-034_277-T Outdoor Storage Area - Soil Samples - RCRA Closure - Rev1.pdf
F25-035_271-T Cage Storage Area - Soil Samples - RCRA Closure - Rev0.pdf
F25-033 To F25-035 Values Table.pdf

Emily and Joan,

We have finally started sampling the T-Plant RCRA closure areas. I have attached the SAFs and the values table again since these have been in the works for quite some time. As reminder with the values table, IF a sample dilution is needed we request you let us know if a non-detected result will be greater than 7.20E+04 mg/kg. Otherwise please report non-detects to the MDL.

222S should expect the samples today or tomorrow.

Please let me know if you have any questions or need more information from us.

CPCCo
Central Plateau Cleanup Company
an Amentum, Fluor, Atkins LLC
A prime contractor for the U.S. Department of Energy

Heather Medley
Manager of Analytical Services Group
Sample Management and Reporting
W: (509) 373-6909
C: (513) 939-7991
E: Heather_A_Medley@rl.gov
www.cpcchanford.com

Appendix F

Sampling Authorization Form

(7 pages including cover sheet)

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

PROJECT	T Plant RCRA
PROGRAM/PROJECT TYPE	RCRA Closure
OPERABLE UNIT	NONE

REQUESTER	KOSTIC, EDWIN	**CHARGE CODES**	
TASK MANAGER	KOSTIC, EDWIN	ALL CPCCO SERVICES	901635
PROJECT COORDINATOR	SUMNER, LC		

ESTIMATED START DATE	8/15/2025 12:00:00 AM	**SAMPLE AREA**	200 West
ESTIMATED COMPLETION DATE	9/30/2026 12:00:00 AM	**MATRIX**	SOIL
ESTIMATED NUMBER OF SAMPLES	29		

SAMPLING ORGANIZATIONS

CPCCo Samplers

LABORATORY/PRICE_CODE/PRIORITY TURNAROUND/REQUIRED TURNAROUND/DATA DELIVERABLE

Primary / 222-S Lab Operations / 8H / 30 Days / 30 Days / Summary
Primary / CPCCo Radiological Counting Facility / C02 / 24 Hours / 24 Hours / Interim Results & Periodic SDG Rpt
Primary / GEL Laboratories, LLC / 8C / 15 Days / 15 Days / Summary
Primary / TestAmerica Denver / 8C / 15 Days / 15 Days / Summary
Primary / TestAmerica St. Louis / 8C / 15 Days / 15 Days / Summary

SAF COMMENT

** Media: Soil (SO)
** Purpose: Characterization (C)
** Driving document is Hanford Facility Dangerous Waste Permit (WA7890008967), App H1.
** ORRA WMU code: TPLANT; Type Code: CPCC; AR Code: TS-2-7
** Sample Management, provide copies to: Task Manager, Requester, B. Cathel and M. Matson.

** Dilutions acceptable PROVIDED the PQLs remain below the Closure Performance Standards. If this cannot be met, SMR is to be contacted IMMEDIATELY.

** Results shall NOT be reported as non-detected and above the Closure Performance Standard.
** Refer to the accompanying document "F25-033 To F25-035 Values Table" for Closure Performance Standard Values.

SAF REVISION COMMENT

** Admin Update 1: Updated recipients of reports; Removed Warrington, added B. Cathel and M. Matson. EAF 3/2/26
** Rev. 1 - Removed 1-Butanol from TADN analysis

COC COMMENT

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

Field Sampling Requirements

Laboratory: 222-S Lab Operations **Matrix: SOIL**

Parameter / Analysis	Reference Method	Container / Volume	VolReq	Preservation	Holding Times
9056_ANIONS_IC: COMMON (Add-on) Formate	9056_ANIONS_IC	G/P 60 mL	Full QC	Cool <=6C	28 Days/48 Hours

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

Field Sampling Requirements

Laboratory: CPCCo Radiological Counting Facility **Matrix: SOIL**

Parameter / Analysis	Reference Method	Container / Volume	VolReq	Preservation	Holding Times
Rad Screen - GEA No CAS	RADSCREEN	aG 60 mL	Full QC	None	6 Months

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

Field Sampling Requirements

Laboratory: GEL Laboratories, LLC **Matrix: SOIL**

Parameter / Analysis	Reference Method	Container / Volume	VolReq	Preservation	Holding Times
7471_MERCURY_CV: COMMON (SOLIDS) Mercury	7471_HG_CVAA	G 250 mL	Full QC	Cool <=6C	28 Days
6010_METALS_ICP: COMMON Arsenic, Barium, Cadmium, Silver, Vanadium	6010_METALS_ICP		Full QC		6 Months
6010_METALS_ICP: COMMON (Add-on) Lead, Selenium	6010_METALS_ICP		Full QC		6 Months
6020_METALS_ICPMS: COMMON Arsenic	6020_METALS_ICPMS		Full QC		6 Months
7196_CR6: COMMON Hexavalent Chromium	7196_CR6		Full QC		30 Days
5035/8260_VOA: LOW LEVEL: COMMON 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 2-Butanone, 4-Methyl-2-pentanone, Acetone, Benzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroform, Ethylbenzene, Methylene chloride, Tetrachloroethene, Toluene, Trichloroethene, Vinyl chloride, Xylenes (total)	8260_VOA_GCMS	aGs 5X40 mL	Full QC	Frozen	14 Days
5035/8260_VOA: LOW LEVEL: COMMON (Add-On) 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,4-Dioxane, 1-Butanol, Cyclohexanone, Diethyl ether, Ethyl acetate, Isobutyl alcohol, Tetrahydrofuran, Trichloromonofluoromethane	8260_VOA_GCMS		Full QC		14 Days
8270_SVOA_GCMS: CH 01 1,2-Dichlorobenzene, 2,4-Dinitrotoluene, Bis(2-chloroethyl) ether, Nitrobenzene	8270_SVOA_GCMS	aG 250 mL	Full QC	Cool <=6C	14/40 Days
8270_SVOA_GCMS: COMMON (Add-on) Hexachloroethane, Pyridine, Total cresols	8270_SVOA_GCMS		Full QC		14/40 Days
8270_SVOA_GCMS: COMMON Pentachlorophenol	8270_SVOA_GCMS		Full QC		14/40 Days
SMR_8015_METHANOL Methanol	8015_VOA_GC	G 125 mL	Full QC	Cool <=6C	14 Days
9012_CYANIDE (TOTAL): COMMON Cyanide	9012_CYANIDE	aG 60 mL	Full QC	Cool <=6C	14 Days

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

Field Sampling Requirements

Laboratory: TestAmerica Denver **Matrix: SOIL**

Parameter / Analysis	Reference Method	Container / Volume	VolReq	Preservation	Holding Times
5035/8260_VOA: LOW LEVEL: COMMON	8260_VOA_GCMS	aGs 5X40 mL	Full QC	Frozen	14 Days
1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 2-Butanone, 4-Methyl-2-pentanone, Acetone, Benzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroform, Ethylbenzene, Methylene chloride, Tetrachloroethene, Toluene, Trichloroethene, Vinyl chloride, Xylenes (total)					
5035/8260_VOA: LOW LEVEL: COMMON (Add-On)	8260_VOA_GCMS		Full QC		14 Days
1,1,2-Trichloro-1,2,2-trifluoroethane, 1,4-Dioxane, Cyclohexanone, Diethyl ether, Ethyl acetate, Isobutyl alcohol, Tetrahydrofuran, Trichloromonofluoromethane					

Central Plateau Cleanup Company

SAMPLING AUTHORIZATION FORM

SAF NUM F25-034 **SAF TITLE** 277-T Outdoor Storage Area - Soil Samples - RCRA Closure **REV** 1

Field Sampling Requirements

Laboratory: TestAmerica St. Louis **Matrix: SOIL**

Parameter / Analysis	Reference Method	Container / Volume	VolReq	Preservation	Holding Times
7471_MERCURY_CV: COMMON (SOLIDS) Mercury	7471_HG_CVAA	G 250 mL	Full QC	Cool <=6C	28 Days
6010_METALS_ICP: COMMON Barium, Cadmium, Silver	6010_METALS_ICP		Full QC		6 Months
6010_METALS_ICP: COMMON (Add-on) Lead, Selenium	6010_METALS_ICP		Full QC		6 Months
6020_METALS_ICPMS: COMMON Arsenic	6020_METALS_ICPMS		Full QC		6 Months

Key to Container Types

G = Glass
Gs = Glass w/ septum cap
Gs* = Glass w/ septum cap- no head space in container
P = Plastic (Polyethylene)
aG = Amber Glass
aGs = Amber Glass w/ septum cap
aGs* = Amber Glass w/ septum cap- no head space in container
aG/T = Amber Glass w/ Teflon Lined Lid

End of Report

This page is intentionally left blank.