Permits and Enforcement Section
Water Quality Control Division
CPDHE
4300 Cherry Creek Dr. South
Denver, CO 80246-1530

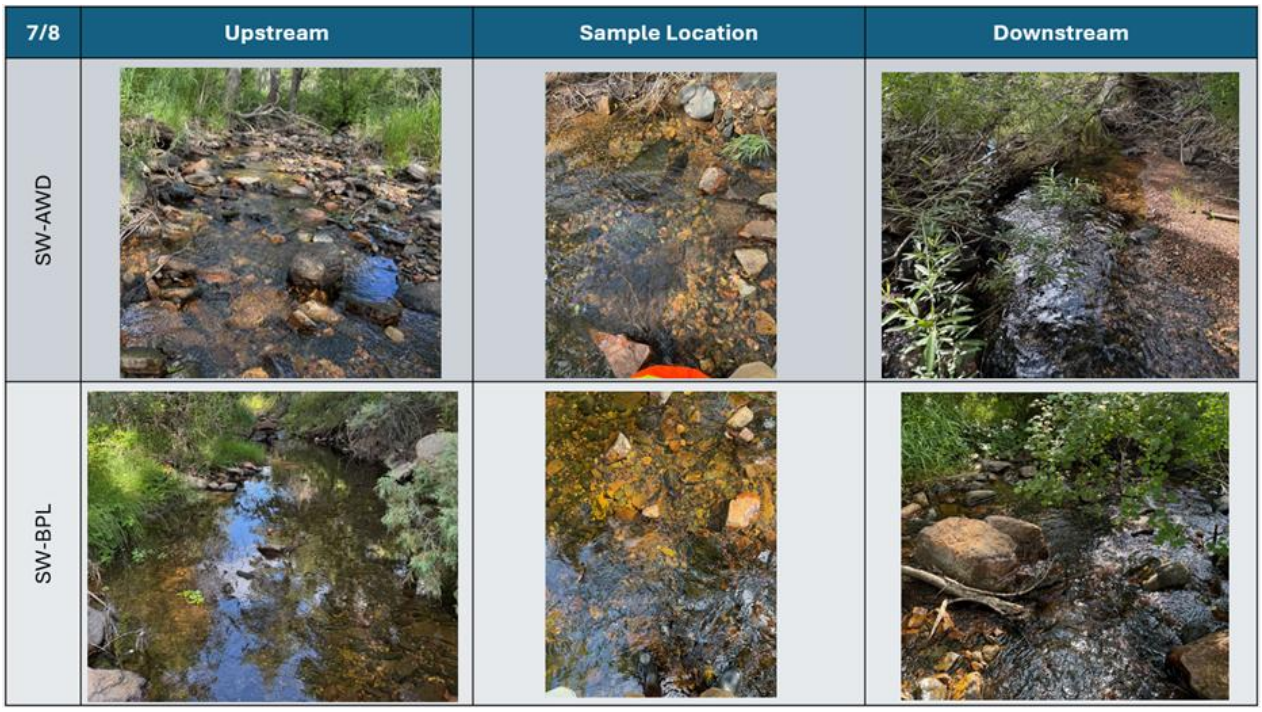
08/22/2025
25US0221

Re: Monthly Surface Water Report for July 2025
Schwartzwalder Mine CO0001244

TO WHOM IT MAY CONCERN:

On February 10th, 2025 the operations contract for the Schwartzwalder Mine was awarded and the contract started on April 1st, 2025.

During the month of July 2025, both the SW-AWD and SW-BPL locations were sampled. The sampling date was July 8th. See the pictures from that sampling event below. The field parameters taken are showcased below as well. Attached are the laboratory analytical results.



Field Parameters

Sample Location	SW-AWD	SW-BPL
Temperature (°C)	16.1	17.3
pH (s.u.)	7.95	7.72
Conductivity (uS/cm)	315.8	287.5
ORP (mV)	82	78

Best regards,
Linkan

Patrick M. Delaney
Operator Responsible in Charge (ORC)
Black Fox Mining, LLC

Enclosures:

July 2025 Surface Water Sampling Results

CC List:

Electronic Copy sent to the following:

Peter Hays, CDNR, peter.hays@state.co.us
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ANALYTICAL SUMMARY REPORT

July 31, 2025

Linkan Engineering
2720 Ruby Vista Dr Ste 101
Elko, NV 89801-4943

Work Order: B25070847 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 2 samples for Linkan Engineering on 7/10/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25070847-001	SW-AWD	07/08/25 09:00	07/10/25	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Total Cyanide, Weak Acid Dissociable Anions by Ion Chromatography Nitrogen, Nitrate + Nitrite Metals Digestion by E200.2 E365.1 Digestion, Total P Low Level Phosphorus, Orthophosphate as P Low level Phosphorus, Total Gross Alpha, Gross Beta, Total Radium 226 + Radium 228 Radium 226, Total Radium 228, Total Solids, Total Dissolved Solids, Total Suspended
B25070847-002	SW-BPL	07/08/25 09:15	07/10/25	Aqueous	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.

Brandy A Pelzel
Technical Data Reviewer

Digitally signed by Brandy A. Pelzel
Date: 2025.07.31 16:08:27 -06:00

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine
Work Order: B25070847

Report Date: 07/31/25

CASE NARRATIVE

Tests associated with analyst identified as ELI-CA were subcontracted to Energy Laboratories, PO Box 247, Casper, WY, EPA Number WY00002.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070847-001
Client Sample ID: SW-AWD

Report Date: 07/31/25
Collection Date: 07/08/25 09:00
DateReceived: 07/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	3	mg/L		2		A2540 D	07/11/25 09:52 / pjw
Solids, Total Dissolved TDS @ 180 C	205	mg/L		20		A2540 C	07/10/25 16:45 / etv
INORGANICS							
Sulfate	12	mg/L		1		E300.0	07/11/25 00:39 / caa
Fluoride	0.31	mg/L		0.01		E300.0	07/11/25 00:39 / caa
Cyanide, Weak Acid Dissociable	ND	mg/L		0.001		Kelada-01	07/11/25 12:51 / fap
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.01		E353.2	07/10/25 17:04 / rs4
Phosphorus, Orthophosphate as P	0.011	mg/L	H	0.002		E365.1	07/10/25 14:59 / taz
Phosphorus, Total as P	ND	mg/L		0.002		E365.1	07/21/25 11:13 / taz
Phosphorus, Total as P	ND	mg/L		0.002		E365.1	07/22/25 13:09 / taz
- The Orthophosphate result is greater than the Total Phosphorus result. Both results have been confirmed by re-analysis.							
METALS, DISSOLVED							
Copper	0.0005	mg/L		0.0005		E200.8	07/11/25 14:07 / jks
Molybdenum	0.0005	mg/L		0.0001		E200.8	07/11/25 14:07 / jks
Silver	ND	mg/L	L	0.00004		E200.8	07/11/25 14:07 / jks
Uranium	0.00128	mg/L		0.00002		E200.8	07/11/25 14:07 / jks
Zinc	0.001	mg/L	JL	0.002		E200.8	07/11/25 14:07 / jks
- The Dissolved Uranium result is greater than the Total Uranium result. Both results have been confirmed by re-analysis.							
METALS, TOTAL RECOVERABLE							
Antimony	0.0007	mg/L		0.0001		E200.8	07/16/25 13:56 / jks
Chromium	ND	mg/L		0.0005		E200.8	07/15/25 14:11 / jks
Thallium	ND	mg/L	L	0.0002		E200.8	07/16/25 13:29 / jks
METALS, TOTAL							
Arsenic	0.0002	mg/L		0.0001		E200.8	07/16/25 13:29 / jks
Boron	0.02	mg/L		0.01		E200.7	07/15/25 14:40 / enb
Molybdenum	0.0006	mg/L		0.0005		E200.8	07/15/25 14:11 / jks
Uranium	0.00115	mg/L		0.00002		E200.8	07/16/25 13:56 / jks
RADIONUCLIDES - TOTAL							
Gross Alpha	0.5	pCi/L	U			E900.0	07/25/25 18:29 / eli-ca
Gross Alpha precision (±)	1.2	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Alpha MDC	2.0	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta	2.9	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta precision (±)	1.4	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta MDC	2.3	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Radium 226	0.06	pCi/L	U			E903.0	07/28/25 11:21 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	07/28/25 11:21 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	07/28/25 11:21 / eli-ca
Radium 228	1	pCi/L	U			RA-05	07/22/25 15:39 / eli-ca

Report Definitions:

RL - Analyte Reporting Limit
MCL - Maximum Contaminant Level
QCL - Quality Control Limit
ND - Not detected at the Reporting Limit (RL)
H - Analysis performed past the method holding time
J - Estimated value - analyte was present but less than the Reporting Limit (RL)
L -Lowest available reporting limit for the analytical method used and/or volume submitted
U - Not detected

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070847-001
Client Sample ID: SW-AWD

Report Date: 07/31/25
Collection Date: 07/08/25 09:00
DateReceived: 07/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 228 precision (±)	0.7	pCi/L				RA-05	07/22/25 15:39 / eli-ca
Radium 228 MDC	1.1	pCi/L				RA-05	07/22/25 15:39 / eli-ca
Radium 226 + Radium 228	0.7	pCi/L	U			A7500-RA	07/29/25 13:32 / eli-ca
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	07/29/25 13:32 / eli-ca
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/29/25 13:32 / eli-ca

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
U - Not detected
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070847-002
Client Sample ID: SW-BPL

Report Date: 07/31/25
Collection Date: 07/08/25 09:15
DateReceived: 07/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.6	mg/L	J	2		A2540 D	07/11/25 09:52 / pjw
Solids, Total Dissolved TDS @ 180 C	166	mg/L		20		A2540 C	07/10/25 16:45 / etv
INORGANICS							
Sulfate	19	mg/L		1		E300.0	07/11/25 00:55 / caa
Fluoride	0.15	mg/L		0.01		E300.0	07/11/25 00:55 / caa
Cyanide, Weak Acid Dissociable	ND	mg/L		0.001		Kelada-01	07/11/25 13:03 / fap
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	0.02	mg/L		0.01		E353.2	07/10/25 17:05 / rs4
Phosphorus, Orthophosphate as P	0.004	mg/L	H	0.002		E365.1	07/10/25 15:00 / taz
Phosphorus, Total as P	0.003	mg/L		0.002		E365.1	07/15/25 15:26 / taz
METALS, DISSOLVED							
Copper	0.0003	mg/L	JL	0.0005		E200.8	07/11/25 17:01 / jks
Molybdenum	0.0032	mg/L		0.0001		E200.8	07/11/25 14:25 / jks
Silver	ND	mg/L	L	0.00004		E200.8	07/11/25 17:01 / jks
Uranium	0.0512	mg/L		0.00002		E200.8	07/11/25 17:01 / jks
Zinc	0.002	mg/L	JL	0.002		E200.8	07/11/25 17:01 / jks
METALS, TOTAL RECOVERABLE							
Antimony	0.0003	mg/L		0.0001		E200.8	07/16/25 14:01 / jks
Chromium	0.0019	mg/L		0.0005		E200.8	07/15/25 14:41 / jks
Thallium	ND	mg/L	L	0.0002		E200.8	07/16/25 13:34 / jks
METALS, TOTAL							
Arsenic	0.0035	mg/L		0.0001		E200.8	07/16/25 13:34 / jks
Boron	0.10	mg/L		0.01		E200.7	07/15/25 14:48 / enb
Molybdenum	0.0037	mg/L		0.0005		E200.8	07/15/25 14:41 / jks
Uranium	0.0545	mg/L		0.00002		E200.8	07/16/25 13:34 / jks
RADIONUCLIDES - TOTAL							
Gross Alpha	28.2	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Alpha precision (±)	6.7	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Alpha MDC	2.0	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta	10.7	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta precision (±)	1.5	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Gross Beta MDC	2.3	pCi/L				E900.0	07/25/25 18:29 / eli-ca
Radium 226	0.2	pCi/L	U			E903.0	07/28/25 11:21 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	07/28/25 11:21 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	07/28/25 11:21 / eli-ca
Radium 228	0.4	pCi/L	U			RA-05	07/22/25 15:39 / eli-ca
Radium 228 precision (±)	0.6	pCi/L				RA-05	07/22/25 15:39 / eli-ca
Radium 228 MDC	1	pCi/L				RA-05	07/22/25 15:39 / eli-ca
Radium 226 + Radium 228	0.6	pCi/L	U			A7500-RA	07/29/25 13:32 / eli-ca

Report Definitions:

RL - Analyte Reporting Limit
MCL - Maximum Contaminant Level
QCL - Quality Control Limit
ND - Not detected at the Reporting Limit (RL)
H - Analysis performed past the method holding time
J - Estimated value - analyte was present but less than the Reporting Limit (RL)
L -Lowest available reporting limit for the analytical method used and/or volume submitted
U - Not detected

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070847-002
Client Sample ID: SW-BPL

Report Date: 07/31/25
Collection Date: 07/08/25 09:15
DateReceived: 07/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228 precision (±)	0.6	pCi/L				A7500-RA	07/29/25 13:32 / eli-ca
Radium 226 + Radium 228 MDC	1	pCi/L				A7500-RA	07/29/25 13:32 / eli-ca

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C										Batch: TDS20250710D
Lab ID: MBLK_20250710-8		Method Blank				Run: Bal #30_250710F				07/10/25 16:44
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	20						
Lab ID: LCS_20250710-5		Laboratory Control Sample				Run: Bal #30_250710F				07/10/25 16:44
Solids, Total Dissolved TDS @ 180 C		938	mg/L	25	94	90	110			
Lab ID: B25070837-001ADUP		Sample Duplicate				Run: Bal #30_250710F				07/10/25 16:45
Solids, Total Dissolved TDS @ 180 C		4610	mg/L	250				1.3	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**										Batch: TSS20250711A
Lab ID: **MBLK_20250711-4**		Method Blank				Run: BAL #30_250711C				07/11/25 09:52
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20250711-2**		Laboratory Control Sample				Run: BAL #30_250711C				07/11/25 09:52
Solids, Total Suspended TSS @ 105 C		109	mg/L	25	109	80	120			
Lab ID: **B25070837-001BDUP**		Sample Duplicate				Run: BAL #30_250711C				07/11/25 09:52
Solids, Total Suspended TSS @ 105 C		42.5	mg/L	12				1.2	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.7**									Analytical Run: ICP205-B_250715A	
Lab ID: **ICV**		Continuing Calibration Verification Standard							07/15/25 11:58	
Boron		2.54	mg/L	0.10	102	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard							07/15/25 14:27	
Boron		2.49	mg/L	0.10	100	90	110			
Lab ID: **CCV**		Continuing Calibration Verification Standard							07/15/25 14:41	
Boron		2.50	mg/L	0.10	100	90	110			
Method: **E200.7**									Batch: 201443	
Lab ID: **MB-201443**		Method Blank				Run: ICP205-B_250715A			07/15/25 14:37	
Boron		ND	mg/L	0.008						
Lab ID: **LCS3-201443**		Laboratory Control Sample				Run: ICP205-B_250715A			07/15/25 14:39	
Boron		1.02	mg/L	0.10	102	85	115			
Lab ID: **B25070847-001EMS3**		Sample Matrix Spike				Run: ICP205-B_250715A			07/15/25 14:46	
Boron		1.04	mg/L	0.050	103	70	130			
Lab ID: **B25070847-001EMSD3**		Sample Matrix Spike Duplicate				Run: ICP205-B_250715A			07/15/25 14:47	
Boron		1.04	mg/L	0.050	102	70	130	0.3	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS208-B_250711A	
Lab ID: QCS	5	Initial Calibration Verification Standard							07/11/25 11:15	
Copper		0.0378	mg/L	0.010	94	90	110			
Molybdenum		0.0394	mg/L	0.0050	98	90	110			
Silver		0.0195	mg/L	0.0050	97	90	110			
Uranium		0.0379	mg/L	0.00030	95	90	110			
Zinc		0.0381	mg/L	0.0050	95	90	110			
Lab ID: CCV	5	Continuing Calibration Verification Standard							07/11/25 12:50	
Copper		0.0456	mg/L	0.010	91	90	110			
Molybdenum		0.0482	mg/L	0.0050	96	90	110			
Silver		0.0188	mg/L	0.0050	94	90	110			
Uranium		0.0491	mg/L	0.00030	98	90	110			
Zinc		0.0468	mg/L	0.0050	93	90	110			
Lab ID: CCV	5	Continuing Calibration Verification Standard							07/11/25 14:13	
Copper		0.0450	mg/L	0.010	90	90	110			
Molybdenum		0.0484	mg/L	0.0050	97	90	110			
Silver		0.0193	mg/L	0.0050	97	90	110			
Uranium		0.0487	mg/L	0.00030	97	90	110			
Zinc		0.0465	mg/L	0.0050	93	90	110			
Lab ID: QCS	5	Initial Calibration Verification Standard							07/11/25 16:01	
Copper		0.0373	mg/L	0.010	93	90	110			
Molybdenum		0.0380	mg/L	0.0050	95	90	110			
Silver		0.0189	mg/L	0.0050	94	90	110			
Uranium		0.0375	mg/L	0.00030	94	90	110			
Zinc		0.0380	mg/L	0.0050	95	90	110			
Lab ID: CCV	5	Continuing Calibration Verification Standard							07/11/25 16:07	
Copper		0.0458	mg/L	0.010	92	90	110			
Molybdenum		0.0490	mg/L	0.0050	98	90	110			
Silver		0.0193	mg/L	0.0050	96	90	110			
Uranium		0.0502	mg/L	0.00030	100	90	110			
Zinc		0.0460	mg/L	0.0050	92	90	110			
Method: E200.8									Batch: R445742	
Lab ID: LRB	5	Method Blank				Run: ICPMS208-B_250711A			07/11/25 11:39	
Copper		ND	mg/L	0.00007						
Molybdenum		ND	mg/L	0.00005						
Silver		ND	mg/L	5E-6						
Uranium		ND	mg/L	0.00002						
Zinc		ND	mg/L	0.0008						
Lab ID: LFB	5	Laboratory Fortified Blank				Run: ICPMS208-B_250711A			07/11/25 11:57	
Copper		0.0444	mg/L	0.010	89	85	115			
Molybdenum		0.0517	mg/L	0.0050	103	85	115			
Silver		0.0196	mg/L	0.0050	98	85	115			
Uranium		0.0518	mg/L	0.00030	104	85	115			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R445742
Lab ID: LFB	5	Laboratory Fortified Blank				Run: ICPMS208-B_250711A				07/11/25 11:57
Zinc		0.0444	mg/L	0.0050	89	85	115			
Lab ID: B25070711-001BMS	5	Sample Matrix Spike				Run: ICPMS208-B_250711A				07/11/25 13:14
Copper		0.0929	mg/L	0.0050	86	70	130			
Molybdenum		0.0988	mg/L	0.0010	98	70	130			
Silver		0.0356	mg/L	0.0010	89	70	130			
Uranium		0.101	mg/L	0.00030	98	70	130			
Zinc		0.121	mg/L	0.010	85	70	130			
Lab ID: B25070711-001BMSD	5	Sample Matrix Spike Duplicate				Run: ICPMS208-B_250711A				07/11/25 13:19
Copper		0.0939	mg/L	0.0050	87	70	130	1.1	20	
Molybdenum		0.101	mg/L	0.0010	101	70	130	2.7	20	
Silver		0.0370	mg/L	0.0010	92	70	130	3.9	20	
Uranium		0.106	mg/L	0.00030	103	70	130	5.0	20	
Zinc		0.119	mg/L	0.010	83	70	130	1.7	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS208-B_250714A	
Lab ID: QCS	2	Initial Calibration Verification Standard								07/15/25 08:32
Chromium		0.0376	mg/L	0.010	94	90	110			
Molybdenum		0.0404	mg/L	0.0050	101	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard								07/15/25 12:42
Chromium		0.0460	mg/L	0.010	92	90	110			
Molybdenum		0.0514	mg/L	0.0050	103	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard								07/15/25 14:29
Chromium		0.0496	mg/L	0.010	99	90	110			
Molybdenum		0.0532	mg/L	0.0050	106	90	110			
Method: E200.8										Batch: 201443
Lab ID: MB-201443	6	Method Blank				Run: ICPMS208-B_250714A				07/15/25 13:00
Antimony		ND	mg/L	0.0004						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Molybdenum		ND	mg/L	0.0001						
Thallium		ND	mg/L	0.0003						
Uranium		ND	mg/L	0.00003						
Lab ID: LCS4-201443	6	Laboratory Control Sample				Run: ICPMS208-B_250714A				07/15/25 13:23
Antimony		0.110	mg/L	0.0050	110	85	115			
Arsenic		0.0950	mg/L	0.0010	95	85	115			
Chromium		0.0906	mg/L	0.0010	91	85	115			
Molybdenum		0.110	mg/L	0.0050	110	85	115			
Thallium		0.104	mg/L	0.0010	104	85	115			
Uranium		0.103	mg/L	0.00030	103	85	115			
Lab ID: B25070847-002EMS4	6	Sample Matrix Spike				Run: ICPMS208-B_250714A				07/15/25 14:47
Antimony		0.109	mg/L	0.0010	109	70	130			
Arsenic		0.0957	mg/L	0.0010	92	70	130			
Chromium		0.0885	mg/L	0.0050	87	70	130			
Molybdenum		0.113	mg/L	0.0010	109	70	130			
Thallium		0.101	mg/L	0.00050	101	70	130			
Uranium		0.162	mg/L	0.00030	103	70	130			
Lab ID: B25070847-002EMSD4	6	Sample Matrix Spike Duplicate				Run: ICPMS208-B_250714A				07/15/25 14:53
Antimony		0.108	mg/L	0.0010	108	70	130	1.2	20	
Arsenic		0.0931	mg/L	0.0010	90	70	130	2.7	20	
Chromium		0.0859	mg/L	0.0050	84	70	130	3.0	20	
Molybdenum		0.111	mg/L	0.0010	107	70	130	1.6	20	
Thallium		0.101	mg/L	0.00050	101	70	130	0.4	20	
Uranium		0.162	mg/L	0.00030	102	70	130	0.1	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS209-B_250716A	
Lab ID: **QCS**	4	Initial Calibration Verification Standard								07/16/25 11:07
Antimony		0.0391	mg/L	0.0050	98	90	110			
Arsenic		0.0377	mg/L	0.0050	94	90	110			
Thallium		0.0394	mg/L	0.0050	98	90	110			
Uranium		0.0386	mg/L	0.00030	96	90	110			
Lab ID: **CCV**	4	Continuing Calibration Verification Standard								07/16/25 12:29
Antimony		0.0511	mg/L	0.0050	102	90	110			
Arsenic		0.0495	mg/L	0.0050	99	90	110			
Thallium		0.0487	mg/L	0.0050	97	90	110			
Uranium		0.0495	mg/L	0.00030	99	90	110			
Lab ID: **CCV**	4	Continuing Calibration Verification Standard								07/16/25 13:39
Antimony		0.0500	mg/L	0.0050	100	90	110			
Arsenic		0.0492	mg/L	0.0050	98	90	110			
Thallium		0.0484	mg/L	0.0050	97	90	110			
Uranium		0.0496	mg/L	0.00030	99	90	110			
Method: **E200.8**										Batch: 201443
Lab ID: **MB-201443**	4	Method Blank				Run: ICPMS209-B_250716A				07/16/25 13:12
Antimony		0.00009	mg/L	0.00002						
Arsenic		0.00007	mg/L	0.00003						
Thallium		ND	mg/L	0.00008						
Uranium		0.00004	mg/L	0.00001						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E300.0**									Analytical Run: IC METROHM 1_250709A	
Lab ID: **ICV**	2	Initial Calibration Verification Standard							07/09/25 10:43	
Sulfate		103	mg/L	1.0	103	90	110			
Fluoride		1.23	mg/L	0.10	98	90	110			
Lab ID: **CCV**	2	Continuing Calibration Verification Standard							07/10/25 23:00	
Sulfate		109	mg/L	1.0	109	90	110			
Fluoride		1.31	mg/L	0.10	105	90	110			
Method: **E300.0**									Batch: R445604	
Lab ID: **ICB**	2	Method Blank				Run: IC METROHM 1_250709A			07/09/25 10:59	
Sulfate		ND	mg/L	0.7						
Fluoride		ND	mg/L	0.009						
Lab ID: **LFB**	2	Laboratory Fortified Blank				Run: IC METROHM 1_250709A			07/09/25 11:15	
Sulfate		102	mg/L	1.1	102	90	110			
Fluoride		1.24	mg/L	0.10	99	90	110			
Lab ID: **B25070807-001AMS**	2	Sample Matrix Spike				Run: IC METROHM 1_250709A			07/10/25 23:33	
Sulfate		2260	mg/L	11	108	90	110			
Fluoride		13.1	mg/L	0.13	103	90	110			
Lab ID: **B25070807-001AMSD**	2	Sample Matrix Spike Duplicate				Run: IC METROHM 1_250709A			07/10/25 23:49	
Sulfate		2250	mg/L	11	107	90	110	0.5	20	
Fluoride		13.1	mg/L	0.13	102	90	110	0.3	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E353.2**										Analytical Run: FIA203-B_250710C
Lab ID: **ICV**		Initial Calibration Verification Standard								07/10/25 11:43
Nitrogen, Nitrate+Nitrite as N		0.547	mg/L	0.010	97	90	110			
Lab ID: **CCV_20250710-4**		Continuing Calibration Verification Standard								07/10/25 16:57
Nitrogen, Nitrate+Nitrite as N		1.04	mg/L	0.010	104	90	110			
Method: **E353.2**										Batch: R445678
Lab ID: **FilterMBLK**		Method Blank				Run: FIA203-B_250710C				07/10/25 11:44
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.009						
Lab ID: **MBLK_20250709-13**		Method Blank				Run: FIA203-B_250710C				07/10/25 11:46
Nitrogen, Nitrate+Nitrite as N		ND	mg/L	0.009						
Lab ID: **FilterLFB**		Laboratory Fortified Blank				Run: FIA203-B_250710C				07/10/25 11:47
Nitrogen, Nitrate+Nitrite as N		0.963	mg/L	0.010	96	90	110			
Lab ID: **LFB_20250709-1**		Laboratory Fortified Blank				Run: FIA203-B_250710C				07/10/25 11:48
Nitrogen, Nitrate+Nitrite as N		0.982	mg/L	0.010	98	90	110			
Lab ID: **B25070794-001CMS**		Sample Matrix Spike				Run: FIA203-B_250710C				07/10/25 13:36
Nitrogen, Nitrate+Nitrite as N		1.92	mg/L	0.010	98	90	110			
Lab ID: **B25070794-001CMSD**		Sample Matrix Spike Duplicate				Run: FIA203-B_250710C				07/10/25 13:37
Nitrogen, Nitrate+Nitrite as N		1.93	mg/L	0.010	100	90	110	0.8	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **Kelada-01**									Analytical Run: SFA-202-B_250711A	
Lab ID: **ICV**		Initial Calibration Verification Standard							07/11/25 12:25	
Cyanide, Weak Acid Dissociable		0.00899	mg/L	0.0010	90	90	110			
Method: **Kelada-01**									Batch: R445736	
Lab ID: **ICB**		Method Blank				Run: SFA-202-B_250711A			07/11/25 12:27	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0007						
Lab ID: **LFB**		Laboratory Fortified Blank				Run: SFA-202-B_250711A			07/11/25 12:29	
Cyanide, Weak Acid Dissociable		0.00916	mg/L	0.0010	92	90	110			
Lab ID: **LCS1-ZnCN**		Laboratory Control Sample				Run: SFA-202-B_250711A			07/11/25 12:31	
Cyanide, Weak Acid Dissociable		0.00987	mg/L	0.0010	99	90	110			
Lab ID: **B25070847-001GMS**		Sample Matrix Spike				Run: SFA-202-B_250711A			07/11/25 12:55	
Cyanide, Weak Acid Dissociable		0.00969	mg/L	0.0010	97	80	120			
Lab ID: **B25070847-001GMSD**		Sample Matrix Spike Duplicate				Run: SFA-202-B_250711A			07/11/25 12:59	
Cyanide, Weak Acid Dissociable		0.00950	mg/L	0.0010	95	80	120	2.0	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/22/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E365.1										Analytical Run: FIA204-B_250710A
Lab ID: ICV		Initial Calibration Verification Standard								07/10/25 14:50
Phosphorus, Orthophosphate as P		0.249	mg/L	0.0050	100	90	110			
Method: E365.1										Batch: R445681
Lab ID: ICB		Method Blank				Run: FIA204-B_250710A				07/10/25 14:52
Phosphorus, Orthophosphate as P		ND	mg/L	0.001						
Lab ID: LFB		Laboratory Fortified Blank				Run: FIA204-B_250710A				07/10/25 14:53
Phosphorus, Orthophosphate as P		0.247	mg/L	0.0050	99	90	110			
Lab ID: B25070819-001EMS		Sample Matrix Spike				Run: FIA204-B_250710A				07/10/25 14:57
Phosphorus, Orthophosphate as P		0.239	mg/L	0.0050	92	90	110			
Lab ID: B25070819-001EMSD		Sample Matrix Spike Duplicate				Run: FIA204-B_250710A				07/10/25 14:58
Phosphorus, Orthophosphate as P		0.251	mg/L	0.0050	97	90	110	4.9	10	
Method: E365.1										Analytical Run: SEAL201-B_250715A
Lab ID: ICV-198785		Initial Calibration Verification Standard								07/15/25 12:18
Phosphorus, Total as P		0.505	mg/L	0.0050	101	90	110			
Lab ID: CCV-198785		Continuing Calibration Verification Standard								07/15/25 15:21
Phosphorus, Total as P		0.514	mg/L	0.0050	103	90	110			
Method: E365.1										Batch: 201412
Lab ID: MB-201412		Method Blank				Run: SEAL201-B_250715A				07/15/25 15:24
Phosphorus, Total as P		ND	mg/L	0.002						
Lab ID: LCS-201412		Laboratory Control Sample				Run: SEAL201-B_250715A				07/15/25 15:25
Phosphorus, Total as P		0.187	mg/L	0.0050	93	90	110			
Lab ID: B25070997-001DMS		Sample Matrix Spike				Run: SEAL201-B_250715A				07/15/25 15:31
Phosphorus, Total as P		0.233	mg/L	0.0020	98	90	110			
Lab ID: B25070997-001DMSD		Sample Matrix Spike Duplicate				Run: SEAL201-B_250715A				07/15/25 15:32
Phosphorus, Total as P		0.228	mg/L	0.0020	96	90	110	2.0	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25070847 **Report Date:** 07/22/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E365.1									Analytical Run: SEAL201-B_250721A	
Lab ID: ICV-198785		Initial Calibration Verification Standard							07/21/25 10:19	
Phosphorus, Total as P		0.457	mg/L	0.0050	91	90	110			
Lab ID: CCV-198785		Continuing Calibration Verification Standard							07/21/25 11:09	
Phosphorus, Total as P		0.484	mg/L	0.0050	97	90	110			
Method: E365.1									Batch: 201568	
Lab ID: MB-201568		Method Blank				Run: SEAL201-B_250721A			07/21/25 11:11	
Phosphorus, Total as P		ND	mg/L	0.002						
Lab ID: LCS-201568		Laboratory Control Sample				Run: SEAL201-B_250721A			07/21/25 11:12	
Phosphorus, Total as P		0.213	mg/L	0.0020	106	90	110			
Lab ID: B25071434-001CMS		Sample Matrix Spike				Run: SEAL201-B_250721A			07/21/25 11:16	
Phosphorus, Total as P		0.200	mg/L	0.0020	74	90	110			S
Lab ID: B25071434-001CMSD		Sample Matrix Spike Duplicate				Run: SEAL201-B_250721A			07/21/25 11:17	
Phosphorus, Total as P		0.220	mg/L	0.0020	85	90	110	9.8	10	S

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

S - Spike recovery outside of advisory limits

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25070847 **Report Date:** 07/31/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-3450
Lab ID: Th230-GrAB-3450	3	Laboratory Control Sample				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		84	pCi/L		84	70	130			
Gross Alpha precision (±)		19	pCi/L							
Gross Alpha MDC		1.3	pCi/L							
Lab ID: Sr90-GrAB-3450	3	Laboratory Control Sample				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Beta		180	pCi/L		98	70	130			
Gross Beta precision (±)		12	pCi/L							
Gross Beta MDC		2.1	pCi/L							
Lab ID: MB-GrAB-3450	6	Method Blank				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		-1	pCi/L							U
Gross Alpha precision (±)		0.7	pCi/L							
Gross Alpha MDC		1	pCi/L							
Gross Beta		-0.6	pCi/L							U
Gross Beta precision (±)		1	pCi/L							
Gross Beta MDC		2	pCi/L							
Lab ID: C25060889-013DDUP	6	Sample Duplicate				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		2900	pCi/L					1.6	30	
Gross Alpha precision (±)		630	pCi/L							
Gross Alpha MDC		12	pCi/L							
Gross Beta		960	pCi/L					8.7	30	
Gross Beta precision (±)		63	pCi/L							
Gross Beta MDC		6.6	pCi/L							
- The RER result for Alpha is 0.05 and Beta is 93.										
Lab ID: C25060889-015DDUP	6	Sample Duplicate				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		-1.5	pCi/L					110	30	UR
Gross Alpha precision (±)		0.87	pCi/L							
Gross Alpha MDC		1.6	pCi/L							
Gross Beta		-1.9	pCi/L					130	30	UR
Gross Beta precision (±)		1.5	pCi/L							
Gross Beta MDC		2.5	pCi/L							
- Duplicate RPD is outside of the acceptance range for this analysis. However, the RER is less than or equal to the limit of 3. The RER result for Alpha is 0.86 and Beta is 0.73.										
Lab ID: C25070411-001AMS	3	Sample Matrix Spike				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		93	pCi/L		95	70	130			
Gross Alpha precision (±)		21	pCi/L							
Gross Alpha MDC		3.7	pCi/L							
Lab ID: C25070411-001AMSD	3	Sample Matrix Spike Duplicate				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Alpha		86	pCi/L		88	70	130	7.5	30	
Gross Alpha precision (±)		19	pCi/L							
Gross Alpha MDC		3.3	pCi/L							
- The RER result is 0.24.										
Lab ID: C25070412-001AMS1	3	Sample Matrix Spike				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Beta		200	pCi/L		105	70	130			

Qualifiers:

RL - Analyte Reporting Limit

R - Relative Percent Difference (RPD) exceeds advisory limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25070847 **Report Date:** 07/31/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0										Batch: GrAB-3450
Lab ID: C25070412-001AMS1	3	Sample Matrix Spike				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Beta precision (±)		13	pCi/L							
Gross Beta MDC		2.3	pCi/L							
Lab ID: C25070412-001AMSD1	3	Sample Matrix Spike Duplicate				Run: TENNELEC-4_250721A				07/25/25 18:29
Gross Beta		200	pCi/L		104	70	130	0.4	30	
Gross Beta precision (±)		13	pCi/L							
Gross Beta MDC		2.3	pCi/L							

- The RER result is 0.04.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25070847 **Report Date:** 07/31/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-11742
Lab ID: LCS-RA226-11742	3	Laboratory Control Sample				Run: TENNELEC-4_250715I				07/28/25 11:21
Radium 226		11	pCi/L		111	70	130			
Radium 226 precision (±)		1.8	pCi/L							
Radium 226 MDC		0.24	pCi/L							
Lab ID: MB-RA226-11742	3	Method Blank				Run: TENNELEC-4_250715I				07/28/25 11:21
Radium 226		-0.2	pCi/L							U
Radium 226 precision (±)		0.2	pCi/L							
Radium 226 MDC		0.3	pCi/L							
Lab ID: C25060960-002AMS	3	Sample Matrix Spike				Run: TENNELEC-4_250715I				07/28/25 11:21
Radium 226		11	pCi/L		105	70	130			
Radium 226 precision (±)		1.7	pCi/L							
Radium 226 MDC		0.19	pCi/L							
Lab ID: C25060960-002AMSD	3	Sample Matrix Spike Duplicate				Run: TENNELEC-4_250715I				07/28/25 11:21
Radium 226		9.8	pCi/L		98	70	130	6.8	30	
Radium 226 precision (±)		1.6	pCi/L							
Radium 226 MDC		0.24	pCi/L							

- The RER result is 0.30.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25070847 **Report Date:** 07/31/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-7709
Lab ID: LCS-228-RA226-11742	3	Laboratory Control Sample				Run: TENNELEC-4_250715G				07/22/25 15:39
Radium 228		9.6	pCi/L		105	70	130			
Radium 228 precision (±)		2.6	pCi/L							
Radium 228 MDC		0.98	pCi/L							
Lab ID: MB-RA226-11742	3	Method Blank				Run: TENNELEC-4_250715G				07/22/25 15:39
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Lab ID: C25060960-002AMS4	3	Sample Matrix Spike				Run: TENNELEC-4_250715G				07/22/25 15:39
Radium 228		8.8	pCi/L		93	70	130			
Radium 228 precision (±)		2.3	pCi/L							
Radium 228 MDC		0.95	pCi/L							
Lab ID: C25060960-002AMSD4	3	Sample Matrix Spike Duplicate				Run: TENNELEC-4_250715G				07/22/25 15:39
Radium 228		8.2	pCi/L		87	70	130	6.5	30	
Radium 228 precision (±)		2.2	pCi/L							
Radium 228 MDC		0.92	pCi/L							

- The RER result is 0.17.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

Work Order Receipt Checklist

Linkan Engineering

B25070847

Login completed by: Crystal M. Jones
Date Received: 7/10/2025
Reviewed by: cindy
Received by: ET
Reviewed Date: 7/11/2025
Carrier name: Return-FedEx NDA

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	3.9°C Blue Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☑	Not Applicable ☐

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

The temperature blank temperature in shipping container 1 was 3.9°C and shipping container 2 was 3.0°C.

Work Order Receipt Checklist - Continued

Linkan Engineering B25070847

One of the two shipping containers was received with a custody seal.

The samples for gross alpha analysis were preserved to pH <2 with 2mL nitric acid in the laboratory upon receipt.

The sample container for dissolved metals for SW-BPL was not marked as filtered or non-filtered. This was filtered in the field per phone conversation with Chris Prosper on 07/18/25

The samples for orthophosphate analysis were received past the 48-hour hold time. Proceed with analysis per phone conversation with Chris Prosper on 07/10/25. CMJ 07/10/25

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number
Billings, MT	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
Casper, WY	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
	Louisiana	05083
	Montana	CERT0002
	Nebraska	NE-OS-08-04
	Nevada	NV-C24-00245
	North Dakota	R-125
	Oregon	WY200001
	South Dakota	WY00002
	Texas	T104704181-23-21
	US EPA Region VIII	WY00002
	USNRC License	49-26846-01
	Washington	C1012
Gillette, WY	US EPA Region VIII	WY00006
Helena, MT	Colorado	MT00945
	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

ENERGY LABORATORIES
Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Account Information *(Billing information)*

Company/Name	Linkan
Contact	Chris Prosper
Phone	775-777-8003
Mailing Address	2720 Ruby Vista Dr
City, State, Zip	Elko, NV 89801
Email	AP@linkan.com
Receive Invoice	☐Hard Copy ▣Email
Receive Report	☐Hard Copy ▣Email
Purchase Order	25-0152
Quote	H17287
Bottle Order	195244

Report Information *(if different than Account Information)*

Company/Name	Linkan
Contact	Alex Schwiebert
Phone	775-397-6779
Mailing Address	2720 Ruby Vista Dr
City, State, Zip	Elko, NV 89801
Email	see comments
Receive Report	☐Hard Copy ▣Email

Special Report/Formats:
☐ LEVEL IV ☐NELAC ▣ EDD/EDT *(contact laboratory)* ☐ Other_____

Comments

Monthly Consent Order Sampling

Please email Report and EDD results to:
chris.prosper@linkan.com
adam.billin@linkan.com
alex.schwiebert@linkan.com
peter.hays@state.co.us

-SW-BPL White Cap 120 mL sample is in 250 mL sample bottle.

Project Information

Project Name, PWSID, Permit, etc. Schwartzwalder Mine

Sampler Name Bryant Acevedo | Sampler Phone 720-232-6169

Sample Origin State Colorado | EPA/State Compliance ▣ Yes ☐ No

URANIUM MINING CLIENTS MUST indicate sample type
☐ Unprocessed Ore
☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING
☐ 11(e)2 Byproduct Material (Can ONLY be Submitted to ELI Casper Location)

Matrix Codes
A - Air
W - Water
S - Soils/Solids
V - Vegetation
B - Bioassay
O - Oil
DW - Drinking Water

All turnaround times are standard unless marked as RUSH.
Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling – See Instructions Page

	Sample Identification *(Name, Location, Interval, etc.)*	Collection Date	Collection Time	Number of Containers	Matrix *(See Codes Above)*	Low Level Phosphorus	Anions (E300.0)	Total Suspended Solids	Metals, Dissolved	Metals Total	Nitrogen, Nitrate + Nitrite	Cyanide, WAD	Gross Alpha, Gross Beta, Total	Radium 226 + 228	See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	SW-AWD	7/8/25	09:00	9	W										●		B25070847
2	SW-BPL	7/8/25	09:15	9	W										●		
3																	
4																	
5																	
6																	
7																	
8																	
9																	

ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were **NOT** used, please attach your preservative information with this COC.

Custody Record MUST be signed	Relinquished by (print)	Date/Time	Signature	Received by (print)	Date/Time	Signature
	Bryant Acevedo	15:30 / 7/8/25			1115	
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Elly Thompson	7/10/25	

LABORATORY USE ONLY

Shipped By	Cooler ID(s)	Custody Seals Y N C B	Intact Y N	Receipt Temp °C	Temp Blank Y N	On Ice Y N	Payment Type CC Cash Check	Amount $	Receipt Number *(cash/check only)*

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.

BOTTLE ORDER 195244

SHIPPED TO: **Linkan Engineering**

To report an issue with this order, view Safety Data Sheets, or let us know how we are doing, scan here or go to energylab.com/contact-us

Contact: Chris Prosper
400 Corporate Circle, Suite H
Golden CO 80401
Phone: (719) 247-0564
Project: Schwartzwalder Mine - Table 1.1

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 6/3/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Table 1.1 (2 Sets)							
120 mL Plastic	1	E365.1	Low Level Phosphorus, Orthophosphate as P	48.00 hrs		Filter Sample	1
1 Liter Plastic	1	E300.0 A2540 C	Anions by Ion Chromatography Solids, Total Dissolved				1
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8 E200.2	Metals by ICP/ICPMS, Total Metals Digestion by E200.2		HNO3		1
250 mL Plastic	1	E353.2 E365.1 E365.1	Nitrogen, Nitrate + Nitrite E365.1 Digestion, Total P Low level Phosphorus, Total		H2SO4		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		NaOH		1
500 mL Plastic	1	E900.0	Gross Alpha, Gross Beta, Total		HNO3		1

1 Gallon Plastic	1	A7500-RA E903.0 RA-05	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total		HNO3	This now only requires one (1) 15mL nitric acid vial for preservation.	1

Comments

HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid	NaOH - Sodium Hydroxide	**We strongly suggest that the samples are shipped the same day as they are collected.**
ZnAc - Zinc Acetate	HCl - Hydrochloric Acid	H3PO4 - Phosphoric Acid	

Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets

Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.

Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.