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

11/25/2025
25US0221

Re: Discharge Monitoring Report for October 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 October 2025, there was an exceedance for Total Recoverable arsenic at Outfall 001A. Section 7 of *Amendment Number One to Compliance Order on Consent, Number: IC-150123-1*, amended the Total Recoverable arsenic value to "Report" for the 30-day average. As a new permit has not been issued and discussions with the State indicated no deviation from the "Report" only at this time.

There were no other exceedances during the month of October.

Best regards,
Linkan

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

Enclosures:

October 2025 DMR Submittal

CC List:

Electronic Copy sent to the following:

Peter Hays, CDNR, peter.hays@state.co.us
Quinn Westmoreland, Linkan, quinn.westmoreland@linkan.com
Adam Billin, Linkan, adam.billin@linkan.com
Chris Prosper, Linkan, chris.prosper@linkan.com
Sam Billin, Linkan, sam.billin@linkan.com
Jared Buck, Linkan, jared.buck@linkan.com
Brandy Wadford, Linkan, brandy.wadford@linkan.com
Alex Schwiebert, Linkan, alex.schwiebert@linkan.com

ANALYTICAL SUMMARY REPORT

October 28, 2025

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

Work Order: B25100172 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 10/2/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25100172-001	Outfall 001A	10/01/25 15:15	10/02/25	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Potentially Dissolved Metals by ICP/ICPMS, Total Recoverable Cyanide, Weak Acid Dissociable Chromium, Hexavalent Chromium, Total Recoverable Trivalent Mercury, Total Anions by Ion Chromatography Metals Digestion by E200.2 Preparation, Potentially Dissolved Filtration Mercury Digestion by E245.1 Radium 226 + Radium 228 Radium 226, Dissolved Radium 226, Total Radium 228, Total Sulfide, Methylene Blue Colorimetric

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.

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine
Work Order: B25100172

Report Date: 10/28/25

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: B25100172-001
Client Sample ID: Outfall 001A

Report Date: 10/28/25
Collection Date: 10/01/25 15:15
DateReceived: 10/02/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Chloride	0.9	mg/L	J	1		E300.0	10/18/25 14:56 / jmm
Sulfate	4	mg/L		1		E300.0	10/18/25 14:56 / jmm
Fluoride	0.02	mg/L	J	0.1		E300.0	10/18/25 14:56 / jmm
Cyanide, Weak Acid Dissociable	ND	ug/L		1		Kelada-01	10/06/25 12:00 / fap
Sulfide	ND	mg/L		0.04		A4500-S D	10/07/25 09:56 / pmw
METALS, DISSOLVED							
Chromium, Hexavalent	ND	ug/L		10		A3500-Cr B	10/02/25 12:38 / jks
Iron	4	ug/L	J	20		E200.8	10/04/25 06:02 / jks
Manganese	0.2	ug/L	J	1		E200.8	10/04/25 06:02 / jks
METALS, POTENTIALLY DISSOLVED							
Cadmium	ND	ug/L		1		E200.8	10/09/25 23:04 / jks
Copper	0.3	ug/L	JL	0.5		E200.8	10/09/25 23:04 / jks
Nickel	0.8	ug/L	J	5		E200.8	10/09/25 23:04 / jks
Selenium	ND	ug/L		1		E200.8	10/09/25 23:04 / jks
Silver	ND	ug/L	L	0.04		E200.8	10/09/25 23:04 / jks
Zinc	ND	ug/L		10		E200.8	10/09/25 23:04 / jks
METALS, TOTAL RECOVERABLE							
Arsenic	7	ug/L		1		E200.8	10/07/25 22:25 / jks
Chromium	ND	ug/L		5		E200.8	10/07/25 22:25 / jks
Chromium, Trivalent	ND	ug/L		10		Calculation	10/20/25 12:15 / klc
Iron	10	ug/L	J	20		E200.8	10/07/25 22:25 / jks
Uranium	15.3	ug/L		0.3		E200.8	10/07/25 22:25 / jks
METALS, TOTAL							
Antimony	ND	ug/L		1		E200.8	10/09/25 13:22 / jks
Boron	170	ug/L		50		E200.7	10/08/25 17:59 / jaw
Mercury	ND	ug/L		0.1		E245.1	10/08/25 11:22 / nrb
Thallium	ND	ug/L		0.5		E200.8	10/07/25 22:25 / jks
RADIONUCLIDES - DISSOLVED							
Radium 226	0.07	pCi/L	U			E903.0	10/20/25 10:35 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	10/20/25 10:35 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	10/20/25 10:35 / eli-ca
RADIONUCLIDES - TOTAL							
Radium 226	0.06	pCi/L	U			E903.0	10/23/25 10:06 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	10/23/25 10:06 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	10/23/25 10:06 / eli-ca
Radium 228	0.3	pCi/L	U			RA-05	10/15/25 13:30 / eli-ca
Radium 228 precision (±)	0.6	pCi/L				RA-05	10/15/25 13:30 / eli-ca
Radium 228 MDC	1.0	pCi/L				RA-05	10/15/25 13:30 / eli-ca
Radium 226 + Radium 228	0.6	pCi/L	U			A7500-RA	10/23/25 12:25 / eli-ca

Report Definitions:

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25100172-001
Client Sample ID: Outfall 001A

Report Date: 10/28/25
Collection Date: 10/01/25 15:15
DateReceived: 10/02/25
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	10/23/25 12:25 / eli-ca
Radium 226 + Radium 228 MDC	1.0	pCi/L				A7500-RA	10/23/25 12:25 / 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 Casper, WY Branch

Work Order: B25100172 **Report Date:** 10/23/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-11860
Lab ID: LCS-RA226-11860	3	Laboratory Control Sample				Run: TENNELEC-3_251009A			10/20/25 10:35	
Radium 226		10	pCi/L		103	70	130			
Radium 226 precision (±)		1.7	pCi/L							
Radium 226 MDC		0.21	pCi/L							
Lab ID: MB-RA226-11860	3	Method Blank				Run: TENNELEC-3_251009A			10/20/25 10:35	
Radium 226		-0.01	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: B25100172-001GDUP	3	Sample Duplicate				Run: TENNELEC-3_251009A			10/20/25 10:35	
Radium 226		0.098	pCi/L					28	30	U
Radium 226 precision (±)		0.14	pCi/L							
Radium 226 MDC		0.22	pCi/L							
- The RER result is 0.12.										
Method: E903.0										Batch: RA226-11861RR
Lab ID: LCS-RA226-11861	3	Laboratory Control Sample				Run: TENNELEC-4_251009D			10/23/25 10:06	
Radium 226		8.5	pCi/L		85	70	130			
Radium 226 precision (±)		1.4	pCi/L							
Radium 226 MDC		0.12	pCi/L							
Lab ID: MB-RA226-11861	3	Method Blank				Run: TENNELEC-4_251009D			10/23/25 10:06	
Radium 226		0.04	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Lab ID: C25100134-007ADUP	3	Sample Duplicate				Run: TENNELEC-4_251009D			10/23/25 10:06	
Radium 226		0.069	pCi/L					46	30	UR
Radium 226 precision (±)		0.082	pCi/L							
Radium 226 MDC		0.13	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 is 0.36.										

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

R - Relative Percent Difference (RPD) exceeds advisory limit

U - Not detected

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25100172 **Report Date:** 10/23/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-7796
Lab ID: LCS-228-RA226-11861	3	Laboratory Control Sample				Run: TENNELEC-4_251009A				10/15/25 13:30
Radium 228		9.0	pCi/L		101	70	130			
Radium 228 precision (±)		2.4	pCi/L							
Radium 228 MDC		0.85	pCi/L							
Lab ID: MB-RA226-11861	3	Method Blank				Run: TENNELEC-4_251009A				10/15/25 13:30
Radium 228		0.4	pCi/L							U
Radium 228 precision (±)		0.5	pCi/L							
Radium 228 MDC		0.9	pCi/L							
Lab ID: C25100134-007ADUP	3	Sample Duplicate				Run: TENNELEC-4_251009A				10/15/25 13:30
Radium 228		0.63	pCi/L					12	30	U
Radium 228 precision (±)		0.50	pCi/L							
Radium 228 MDC		0.78	pCi/L							

- The RER result is 0.12.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3500-Cr B									Analytical Run: SPEC3_251002A	
Lab ID: CCV		Continuing Calibration Verification Standard							10/02/25 12:38	
Chromium, Hexavalent		0.0937	mg/L	0.010	94	90	110			
Method: A3500-Cr B									Batch: R451321	
Lab ID: MBLK		Method Blank				Run: SPEC3_251002A			10/02/25 12:38	
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: LCS		Laboratory Control Sample				Run: SPEC3_251002A			10/02/25 12:38	
Chromium, Hexavalent		0.0982	mg/L	0.010	98	90	110			
Lab ID: B25100172-001AMS		Sample Matrix Spike				Run: SPEC3_251002A			10/02/25 12:38	
Chromium, Hexavalent		0.0972	mg/L	0.010	97	80	120			
Lab ID: B25100172-001AMSD		Sample Matrix Spike Duplicate				Run: SPEC3_251002A			10/02/25 12:38	
Chromium, Hexavalent		0.0972	mg/L	0.010	97	80	120	0.0	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: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A4500-S D**										Batch: R451582
Lab ID: **MBLK**	Method Blank					Run: SPEC3_251007A				10/07/25 09:56
Sulfide		ND	mg/L	0.007						
Lab ID: **LCS**	Laboratory Control Sample					Run: SPEC3_251007A				10/07/25 09:56
Sulfide		0.197	mg/L	0.040	95	85	115			
Lab ID: **B25100068-001DMS**	Sample Matrix Spike					Run: SPEC3_251007A				10/07/25 09:56
Sulfide		0.354	mg/L	0.040	85	70	130			
Lab ID: **B25100068-001DMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_251007A				10/07/25 09:56
Sulfide		0.350	mg/L	0.040	84	70	130	1.2	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: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.7**									Analytical Run: ICP205-B_251008A	
Lab ID: **ICV**	Continuing Calibration Verification Standard								10/08/25 15:27	
Boron		2.58	mg/L	0.10	103	95	105			
Lab ID: **CCV**	Continuing Calibration Verification Standard								10/08/25 17:54	
Boron		2.48	mg/L	0.10	99	90	110			
Method: **E200.7**									Batch: 203888	
Lab ID: **MB-203888**	Method Blank					Run: ICP205-B_251008A			10/08/25 17:37	
Boron		ND	mg/L	0.008						
Lab ID: **LCS3-203888**	Laboratory Control Sample					Run: ICP205-B_251008A			10/08/25 17:39	
Boron		1.02	mg/L	0.10	102	85	115			
Lab ID: **B25100179-001CMS3**	Sample Matrix Spike					Run: ICP205-B_251008A			10/08/25 18:03	
Boron		1.30	mg/L	0.050	106	70	130			
Lab ID: **B25100179-001CMSD3**	Sample Matrix Spike Duplicate					Run: ICP205-B_251008A			10/08/25 18:05	
Boron		1.28	mg/L	0.050	105	70	130	1.1	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: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS207-B_251008A	
Lab ID: **QCS**	7	Initial Calibration Verification Standard							10/09/25 12:05	
Antimony		0.0405	mg/L	0.0050	101	90	110			
Cadmium		0.0202	mg/L	0.0010	101	90	110			
Copper		0.0390	mg/L	0.010	98	90	110			
Nickel		0.0389	mg/L	0.0050	97	90	110			
Selenium		0.0400	mg/L	0.0050	100	90	110			
Silver		0.0193	mg/L	0.0050	97	90	110			
Zinc		0.0402	mg/L	0.0050	100	90	110			
Lab ID: **CCV**	7	Continuing Calibration Verification Standard							10/09/25 12:11	
Antimony		0.0490	mg/L	0.0050	98	90	110			
Cadmium		0.0476	mg/L	0.0010	95	90	110			
Copper		0.0464	mg/L	0.010	93	90	110			
Nickel		0.0461	mg/L	0.0050	92	90	110			
Selenium		0.0486	mg/L	0.0050	97	90	110			
Silver		0.0190	mg/L	0.0050	95	90	110			
Zinc		0.0484	mg/L	0.0050	97	90	110			
Lab ID: **QCS**	7	Initial Calibration Verification Standard							10/09/25 19:47	
Antimony		0.0416	mg/L	0.0050	104	90	110			
Cadmium		0.0205	mg/L	0.0010	103	90	110			
Copper		0.0396	mg/L	0.010	99	90	110			
Nickel		0.0400	mg/L	0.0050	100	90	110			
Selenium		0.0400	mg/L	0.0050	100	90	110			
Silver		0.0198	mg/L	0.0050	99	90	110			
Zinc		0.0402	mg/L	0.0050	101	90	110			
Lab ID: **CCV**	7	Continuing Calibration Verification Standard							10/09/25 22:10	
Antimony		0.0502	mg/L	0.0050	100	90	110			
Cadmium		0.0483	mg/L	0.0010	97	90	110			
Copper		0.0462	mg/L	0.010	92	90	110			
Nickel		0.0471	mg/L	0.0050	94	90	110			
Selenium		0.0481	mg/L	0.0050	96	90	110			
Silver		0.0190	mg/L	0.0050	95	90	110			
Zinc		0.0475	mg/L	0.0050	95	90	110			
Method: **E200.8**									Batch: 203888	
Lab ID: **MB-203888**	6	Method Blank				Run: ICPMS207-B_251008A			10/09/25 12:41	
Antimony		ND	mg/L	0.00008						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Iron		ND	mg/L	0.004						
Thallium		0.0003	mg/L	0.0002						
Uranium		ND	mg/L	0.00002						
Method: **E200.8**									Batch: R451692	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**										Batch: R451692
Lab ID: **LRB**	6	Method Blank				Run: ICPMS207-B_251008A				10/08/25 12:33
Cadmium		ND	mg/L	3E-6						
Copper		ND	mg/L	0.00005						
Nickel		ND	mg/L	0.0001						
Selenium		ND	mg/L	0.00003						
Silver		ND	mg/L	3E-6						
Zinc		ND	mg/L	0.001						
Lab ID: **LFB**	6	Laboratory Fortified Blank				Run: ICPMS207-B_251008A				10/09/25 09:23
Cadmium		0.0523	mg/L	0.0010	105	85	115			
Copper		0.0492	mg/L	0.010	98	85	115			
Nickel		0.0499	mg/L	0.0050	100	85	115			
Selenium		0.0523	mg/L	0.0050	105	85	115			
Silver		0.0203	mg/L	0.0050	102	85	115			
Zinc		0.0509	mg/L	0.0050	102	85	115			
Lab ID: **B25100321-001BMS**	6	Sample Matrix Spike				Run: ICPMS207-B_251008A				10/09/25 08:47
Cadmium		0.0507	mg/L	0.0010	101	70	130			
Copper		0.0520	mg/L	0.0050	96	70	130			
Nickel		0.0498	mg/L	0.010	99	70	130			
Selenium		0.0525	mg/L	0.0010	102	70	130			
Silver		0.0198	mg/L	0.0010	99	70	130			
Zinc		0.0648	mg/L	0.010	100	70	130			
Lab ID: **B25100321-001BMSD**	6	Sample Matrix Spike Duplicate				Run: ICPMS207-B_251008A				10/09/25 09:05
Cadmium		0.0521	mg/L	0.0010	104	70	130	2.8	20	
Copper		0.0525	mg/L	0.0050	97	70	130	0.9	20	
Nickel		0.0496	mg/L	0.010	98	70	130	0.3	20	
Selenium		0.0531	mg/L	0.0010	103	70	130	1.1	20	
Silver		0.0203	mg/L	0.0010	102	70	130	2.9	20	
Zinc		0.0644	mg/L	0.010	99	70	130	0.5	20	
Lab ID: **MB-203928**	6	Method Blank				Run: ICPMS207-B_251008A				10/09/25 22:58
Cadmium		ND	mg/L	9E-6						
Copper		0.0002	mg/L	0.00005						
Nickel		0.0005	mg/L	0.0001						
Selenium		ND	mg/L	0.00003						
Silver		ND	mg/L	3E-6						
Zinc		ND	mg/L	0.001						
Lab ID: **B25100504-001BMS**	6	Sample Matrix Spike				Run: ICPMS207-B_251008A				10/09/25 23:16
Cadmium		0.0522	mg/L	0.0010	104	70	130			
Copper		0.0529	mg/L	0.0050	100	70	130			
Nickel		0.0507	mg/L	0.0050	99	70	130			
Selenium		0.0523	mg/L	0.0010	105	70	130			
Silver		0.0207	mg/L	0.0010	103	70	130			
Zinc		0.113	mg/L	0.010	98	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R451692
Lab ID: B25100504-001BMSD	6	Sample Matrix Spike Duplicate				Run: ICPMS207-B_251008A				10/09/25 23:22
Cadmium		0.0516	mg/L	0.0010	103	70	130	1.3	20	
Copper		0.0513	mg/L	0.0050	96	70	130	3.2	20	
Nickel		0.0488	mg/L	0.0050	96	70	130	3.8	20	
Selenium		0.0524	mg/L	0.0010	105	70	130	0.1	20	
Silver		0.0202	mg/L	0.0010	101	70	130	2.6	20	
Zinc		0.111	mg/L	0.010	93	70	130	1.8	20	
Method: E200.8										Analytical Run: ICPMS208-B_251003A
Lab ID: QCS	2	Initial Calibration Verification Standard								10/04/25 05:14
Iron		0.203	mg/L	0.020	102	90	110			
Manganese		0.192	mg/L	0.0050	96	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard								10/04/25 05:20
Iron		1.28	mg/L	0.020	98	90	110			
Manganese		0.0494	mg/L	0.0050	99	90	110			
Method: E200.8										Batch: R451454
Lab ID: LRB	2	Method Blank				Run: ICPMS208-B_251003A				10/03/25 14:11
Iron		ND	mg/L	0.004						
Manganese		ND	mg/L	0.00005						
Lab ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS208-B_251003A				10/03/25 14:29
Iron		4.98	mg/L	0.020	100	85	115			
Manganese		0.0482	mg/L	0.0050	96	85	115			
Lab ID: B25100220-001BMS	2	Sample Matrix Spike				Run: ICPMS208-B_251003A				10/04/25 06:32
Iron		16.8	mg/L	0.020	100	70	130			
Manganese		0.284	mg/L	0.0010		70	130			A
Lab ID: B25100220-001BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS208-B_251003A				10/04/25 06:38
Iron		16.6	mg/L	0.020	97	70	130	1.0	20	
Manganese		0.273	mg/L	0.0010		70	130	4.1	20	A

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

A - Analyte level was greater than four times the spike level - in accordance with the method, percent recovery is not calculated

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS209-B_251006A	
Lab ID: CCV	5	Continuing Calibration Verification Standard							10/07/25 21:20	
Arsenic		0.0474	mg/L	0.0050	95	90	110			
Chromium		0.0484	mg/L	0.010	97	90	110			
Iron		1.24	mg/L	0.020	95	90	110			
Thallium		0.0482	mg/L	0.0050	96	90	110			
Uranium		0.0488	mg/L	0.00030	98	90	110			
Lab ID: QCS	5	Initial Calibration Verification Standard							10/07/25 18:53	
Arsenic		0.0376	mg/L	0.0050	94	90	110			
Chromium		0.0379	mg/L	0.010	95	90	110			
Iron		0.191	mg/L	0.020	96	90	110			
Thallium		0.0382	mg/L	0.0050	95	90	110			
Uranium		0.0378	mg/L	0.00030	94	90	110			
Method: E200.8									Batch: 203888	
Lab ID: MB-203888	6	Method Blank				Run: ICPMS209-B_251006A			10/07/25 21:09	
Antimony		ND	mg/L	0.00002						
Arsenic		ND	mg/L	0.00003						
Chromium		ND	mg/L	0.0003						
Iron		ND	mg/L	0.004						
Thallium		ND	mg/L	0.00008						
Uranium		0.0009	mg/L	0.00001						
Lab ID: LCS4-203888	6	Laboratory Control Sample				Run: ICPMS209-B_251006A			10/07/25 21:14	
Antimony		0.0944	mg/L	0.0050	94	85	115			
Arsenic		0.0932	mg/L	0.0010	93	85	115			
Chromium		0.0928	mg/L	0.0010	93	85	115			
Iron		0.477	mg/L	0.010	95	85	115			
Thallium		0.0986	mg/L	0.0010	99	85	115			
Uranium		0.0950	mg/L	0.00030	95	85	115			
Lab ID: B25100172-001CMS4	6	Sample Matrix Spike				Run: ICPMS209-B_251006A			10/07/25 22:31	
Antimony		0.0966	mg/L	0.0010	94	70	130			
Arsenic		0.0949	mg/L	0.0010	88	70	130			
Chromium		0.0888	mg/L	0.0050	89	70	130			
Iron		0.721	mg/L	0.020	142	70	130			S
Thallium		0.0961	mg/L	0.00050	96	70	130			
Uranium		0.112	mg/L	0.00030	96	70	130			
Lab ID: B25100172-001CMSD4	6	Sample Matrix Spike Duplicate				Run: ICPMS209-B_251006A			10/07/25 22:47	
Antimony		0.103	mg/L	0.0010	100	70	130	6.3	20	
Arsenic		0.0952	mg/L	0.0010	89	70	130	0.4	20	
Chromium		0.0892	mg/L	0.0050	89	70	130	0.5	20	
Iron		0.457	mg/L	0.020	89	70	130	45	20	R
Thallium		0.0996	mg/L	0.00050	100	70	130	3.6	20	
Uranium		0.119	mg/L	0.00030	104	70	130	6.8	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

R - Relative Percent Difference (RPD) exceeds advisory limit

S - Spike recovery outside of advisory limits

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E245.1**									Analytical Run: HGCV205-B_251008A	
Lab ID: **ICV**		Initial Calibration Verification Standard							10/08/25 10:25	
Mercury		0.00186	mg/L	0.00010	93	90	110			
Lab ID: **CCV1**		Continuing Calibration Verification Standard							10/08/25 10:27	
Mercury		0.00252	mg/L	0.00010	101	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard							10/08/25 11:08	
Mercury		0.00253	mg/L	0.00010	101	90	110			
Method: **E245.1**									Batch: 203911	
Lab ID: **MB-203911**		Method Blank				Run: HGCV205-B_251008A			10/08/25 11:05	
Mercury		ND	mg/L	0.00005						
Lab ID: **LCS-203911**		Laboratory Control Sample				Run: HGCV205-B_251008A			10/08/25 11:06	
Mercury		0.00198	mg/L	0.00010	99	85	115			
Lab ID: **B25100103-001CMS**		Sample Matrix Spike				Run: HGCV205-B_251008A			10/08/25 11:12	
Mercury		0.00194	mg/L	0.00010	97	70	130			
Lab ID: **B25100103-001CMSD**		Sample Matrix Spike Duplicate				Run: HGCV205-B_251008A			10/08/25 11:13	
Mercury		0.00196	mg/L	0.00010	98	70	130	1.0	30	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25100172 **Report Date:** 10/20/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01									Analytical Run: SFA-202-B_251006A	
Lab ID: ICV		Initial Calibration Verification Standard							10/06/25 11:40	
Cyanide, Weak Acid Dissociable		0.00994	mg/L	0.0010	99	90	110			
Method: Kelada-01									Batch: R451509	
Lab ID: ICB		Method Blank				Run: SFA-202-B_251006A			10/06/25 11:42	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0009						
Lab ID: LFB		Laboratory Fortified Blank				Run: SFA-202-B_251006A			10/06/25 11:44	
Cyanide, Weak Acid Dissociable		0.00992	mg/L	0.0010	99	90	110			
Lab ID: LCS1-ZnCN		Laboratory Control Sample				Run: SFA-202-B_251006A			10/06/25 11:46	
Cyanide, Weak Acid Dissociable		0.0100	mg/L	0.0010	100	90	110			
Lab ID: LCS2-K3Fe(CN)6		Laboratory Control Sample				Run: SFA-202-B_251006A			10/06/25 11:48	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0010	0	0	5			
Lab ID: LCS3-K4Fe(CN)6		Laboratory Control Sample				Run: SFA-202-B_251006A			10/06/25 11:50	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0010	0	0	5			
Lab ID: B25100172-001EMS		Sample Matrix Spike				Run: SFA-202-B_251006A			10/06/25 12:04	
Cyanide, Weak Acid Dissociable		0.0100	mg/L	0.0010	100	80	120			
Lab ID: B25100172-001EMSD		Sample Matrix Spike Duplicate				Run: SFA-202-B_251006A			10/06/25 12:08	
Cyanide, Weak Acid Dissociable		0.0103	mg/L	0.0010	103	80	120	2.7	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: B25100172 **Report Date:** 10/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E300.0									Analytical Run: IC METROHM 2_251013A	
Lab ID: ICV	3	Initial Calibration Verification Standard							10/13/25 09:20	
Chloride		25.8	mg/L	1.0	103	90	110			
Sulfate		104	mg/L	1.0	104	90	110			
Fluoride		1.23	mg/L	0.10	98	90	110			
Lab ID: CCV	3	Continuing Calibration Verification Standard							10/15/25 10:11	
Chloride		25.9	mg/L	1.0	104	90	110			
Sulfate		105	mg/L	1.0	105	90	110			
Fluoride		1.16	mg/L	0.10	92	90	110			
Lab ID: CCV	3	Continuing Calibration Verification Standard							10/18/25 11:51	
Chloride		25.7	mg/L	1.0	103	90	110			
Sulfate		104	mg/L	1.0	104	90	110			
Fluoride		1.16	mg/L	0.10	93	90	110			
Method: E300.0									Batch: R452197	
Lab ID: ICB	3	Method Blank				Run: IC METROHM 2_251013A			10/13/25 09:37	
Chloride		ND	mg/L	0.09						
Sulfate		ND	mg/L	0.4						
Fluoride		ND	mg/L	0.005						
Lab ID: LFB	3	Laboratory Fortified Blank				Run: IC METROHM 2_251013A			10/13/25 09:54	
Chloride		27.1	mg/L	1.0	108	90	110			
Sulfate		104	mg/L	1.1	104	90	110			
Fluoride		1.33	mg/L	0.10	106	90	110			
Lab ID: B25100072-001BMS	3	Sample Matrix Spike				Run: IC METROHM 2_251013A			10/15/25 11:19	
Chloride		4320	mg/L	13	110	90	110			
Sulfate		5420	mg/L	53	108	90	110			
Fluoride		64.5	mg/L	0.66	103	90	110			
Lab ID: B25100072-001BMSD	3	Sample Matrix Spike Duplicate				Run: IC METROHM 2_251013A			10/15/25 11:36	
Chloride		4380	mg/L	13	116	90	110	1.5	20	S
Sulfate		5700	mg/L	53	113	90	110	5.0	20	S
Fluoride		67.0	mg/L	0.66	107	90	110	3.9	20	
Lab ID: B25092351-001AMS	3	Sample Matrix Spike				Run: IC METROHM 2_251013A			10/18/25 16:21	
Chloride		30.6	mg/L	1.0	110	90	110			
Sulfate		124	mg/L	1.1	109	90	110			
Fluoride		1.51	mg/L	0.10	103	90	110			
Lab ID: B25092351-001AMSD	3	Sample Matrix Spike Duplicate				Run: IC METROHM 2_251013A			10/18/25 16:38	
Chloride		29.9	mg/L	1.0	107	90	110	2.3	20	
Sulfate		124	mg/L	1.1	109	90	110	0.2	20	
Fluoride		1.48	mg/L	0.10	100	90	110	2.1	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

S - Spike recovery outside of advisory limits

Work Order Receipt Checklist

Linkan Engineering

B25100172

Login completed by: Crystal M. Jones
Date Received: 10/2/2025
Reviewed by: cindy
Received by: JAR
Reviewed Date: 10/11/2025
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:	6.0°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 sample for potentially dissolved metals analysis was subsampled and filtered in the laboratory. According to the Code of Colorado Regulation these samples should be filtered within 8 to 96 hours of preservation with nitric acid to a

Work Order Receipt Checklist - Continued

Linkan Engineering B25100172

pH < 2. CMJ 10/02/25

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

Chain of Custody & Analytical Request Record

ENERGY LABORATORIES — Trust our People. Trust our Data.

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	197843

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

Outfall 001A - Bi-Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Accurso
Sampler Phone	7/238/6169
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)	Hexavalent Chromium	Metals, Dissolved	Metals, Total Recoverable	Metals, Potentially Dissolved	Cyanide, WAD	Sulfide, Methylene Blue Colorimetric	Radium 226, Dissolved	Radium 226 + Radium 228		See Attached	RUSH TAT	ELI LAB ID (Laboratory Use Only)
1	Outfall 001A	10-1	~~1355~~ 1515	8	W										●		B25100172
2															●		
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 Accurso	10-1 [redacted]:00				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Jett Rohner	10/02/25 10:20	

LABORATORY USE ONLY

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

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.

ELI-COC-01/21 v.4

BOTTLE ORDER 197843

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

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

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 9/26/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		H2SO4		1
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B E300.0	Chromium, Hexavalent Anions by Ion Chromatography	24.00 hrs			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 Calculation E245.1 E200.2 E245.1	Metals by ICP/ICPMS, Total Recoverable Chromium, Total Recoverable Trivalent Mercury, Total Metals Digestion by E200.2 Mercury Digestion by E245.1		HNO3		1

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		ZnAc NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		HNO3	Filter before preservation	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

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.

ANALYTICAL SUMMARY REPORT

November 10, 2025

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

Work Order: B25101211 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 10/15/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25101211-001	Outfall 001A	10/14/25 13:40	10/15/25	Aqueous	Metals by ICP/ICPMS, Dissolved Metals by ICP/ICPMS, Potentially Dissolved Metals by ICP/ICPMS, Total Recoverable Cyanide, Weak Acid Dissociable Chromium, Hexavalent Chromium, Total Recoverable Trivalent Mercury, Total Anions by Ion Chromatography Metals Digestion by E200.2 Preparation, Potentially Dissolved Filtration Mercury Digestion by E245.1 Radium 226 + Radium 228 Radium 226, Dissolved Radium 226, Total Radium 228, Total Sulfide, Methylene Blue Colorimetric

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.

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine
Work Order: B25101211

Report Date: 11/10/25

CASE NARRATIVE

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

"J" qualified analyte concentrations are below the laboratory minimum recommended Reporting Limit (RL) and above the calculated method detection limit (MDL). The laboratory reporting limits are based on the lowest calibration standard for the method and are set at levels which can be reliably quantitated. Metals reporting limits are based on the MDL and through examination of blank performance. MDL's are statistically calculated values determined through analysis of a clean sample matrix.

Inorganic analytes reported with "J" qualifiers should be verified against the corresponding method blank. Inorganic "J" quantitations near the MDL may be suspect due to possible method background levels, sample matrix effects, and/or daily variability in instrument signal-to-noise levels.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25101211-001
Client Sample ID: Outfall 001A

Report Date: 11/10/25
Collection Date: 10/14/25 13:40
DateReceived: 10/15/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Chloride	0.7	mg/L	J	1		E300.0	10/25/25 06:46 / jmm
Sulfate	3	mg/L		1		E300.0	10/25/25 06:46 / jmm
Fluoride	0.008	mg/L	J	0.1		E300.0	10/25/25 06:46 / jmm
Cyanide, Weak Acid Dissociable	ND	ug/L		1		Kelada-01	10/16/25 12:56 / fap
Sulfide	ND	mg/L		0.04		A4500-S D	10/17/25 10:27 / pmw
METALS, DISSOLVED							
Chromium, Hexavalent	ND	ug/L		10		A3500-Cr B	10/15/25 12:08 / jks
Iron	4	ug/L	J	20		E200.8	10/16/25 08:11 / aem
Manganese	0.3	ug/L	J	1		E200.8	10/16/25 08:11 / aem
METALS, POTENTIALLY DISSOLVED							
Cadmium	0.07	ug/L	J	1		E200.8	10/22/25 00:26 / jks
Copper	0.1	ug/L	JL	0.5		E200.8	10/22/25 00:26 / jks
Nickel	ND	ug/L		5		E200.8	10/22/25 00:26 / jks
Selenium	ND	ug/L		1		E200.8	10/22/25 00:26 / jks
Silver	ND	ug/L	L	0.04		E200.8	10/22/25 00:26 / jks
Zinc	ND	ug/L		10		E200.8	10/22/25 00:26 / jks
METALS, TOTAL RECOVERABLE							
Arsenic	11	ug/L		1		E200.8	10/19/25 06:43 / jks
Chromium	ND	ug/L		5		E200.8	10/20/25 17:05 / jks
Chromium, Trivalent	ND	ug/L		10		Calculation	10/27/25 11:20 / klc
Iron	4	ug/L	J	20		E200.8	10/19/25 06:43 / jks
Uranium	11.8	ug/L		0.3		E200.8	10/18/25 21:11 / jks
METALS, TOTAL							
Antimony	ND	ug/L		1		E200.8	10/19/25 06:43 / jks
Boron	150	ug/L		50		E200.7	10/20/25 18:40 / jaw
Mercury	ND	ug/L		0.1		E245.1	10/21/25 12:14 / nrb
Thallium	ND	ug/L		0.5		E200.8	10/21/25 14:59 / jks
RADIONUCLIDES - DISSOLVED							
Radium 226	0.06	pCi/L	U			E903.0	11/04/25 12:49 / eli-ca
Radium 226 precision (±)	0.08	pCi/L				E903.0	11/04/25 12:49 / eli-ca
Radium 226 MDC	0.1	pCi/L				E903.0	11/04/25 12:49 / eli-ca
RADIONUCLIDES - TOTAL							
Radium 226	0.08	pCi/L	U			E903.0	11/05/25 10:18 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	11/05/25 10:18 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	11/05/25 10:18 / eli-ca
Radium 228	0.4	pCi/L	U			RA-05	10/29/25 17:37 / eli-ca
Radium 228 precision (±)	0.5	pCi/L				RA-05	10/29/25 17:37 / eli-ca
Radium 228 MDC	0.8	pCi/L				RA-05	10/29/25 17:37 / eli-ca
Radium 226 + Radium 228	0.5	pCi/L	U			A7500-RA	11/06/25 10:32 / eli-ca

Report Definitions:

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25101211-001
Client Sample ID: Outfall 001A

Report Date: 11/10/25
Collection Date: 10/14/25 13:40
DateReceived: 10/15/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228 precision (±)	0.5	pCi/L				A7500-RA	11/06/25 10:32 / eli-ca
Radium 226 + Radium 228 MDC	0.8	pCi/L				A7500-RA	11/06/25 10:32 / 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 Casper, WY Branch

Work Order: B25101211 **Report Date:** 11/06/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-11875
Lab ID: LCS-RA226-11875	3	Laboratory Control Sample				Run: TENNELEC-3_251023D			11/04/25 16:32	
Radium 226		8.5	pCi/L		85	70	130			
Radium 226 precision (±)		1.4	pCi/L							
Radium 226 MDC		0.26	pCi/L							
Lab ID: MB-RA226-11875	3	Method Blank				Run: TENNELEC-3_251023D			11/04/25 16:32	
Radium 226		0.005	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: B25101211-001HDUP	3	Sample Duplicate				Run: TENNELEC-3_251023D			11/05/25 12:24	
Radium 226		0.19	pCi/L					81	30	UR
Radium 226 precision (±)		0.18	pCi/L							
Radium 226 MDC		0.27	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 is 0.50.										
Method: E903.0										Batch: RA226-11873
Lab ID: LCS-RA226-11873	3	Laboratory Control Sample				Run: TENNELEC-4_251023I			11/03/25 10:51	
Radium 226		10	pCi/L		101	70	130			
Radium 226 precision (±)		1.6	pCi/L							
Radium 226 MDC		0.17	pCi/L							
Lab ID: MB-RA226-11873	3	Method Blank				Run: TENNELEC-4_251023I			11/03/25 10:51	
Radium 226		0.03	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25100535-001CDUP	3	Sample Duplicate				Run: TENNELEC-4_251023I			11/04/25 12:49	
Radium 226		6.5	pCi/L					3.5	30	
Radium 226 precision (±)		1.1	pCi/L							
Radium 226 MDC		0.12	pCi/L							
- The RER result is 0.15.										

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: B25101211 **Report Date:** 11/06/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-7809
Lab ID: LCS-228-RA226-11875	3	Laboratory Control Sample				Run: TENNELEC-4_251023E				10/29/25 17:37
Radium 228		9.0	pCi/L		101	70	130			
Radium 228 precision (±)		2.3	pCi/L							
Radium 228 MDC		0.73	pCi/L							
Lab ID: MB-RA226-11875	3	Method Blank				Run: TENNELEC-4_251023E				10/29/25 17:37
Radium 228		0.2	pCi/L							U
Radium 228 precision (±)		0.5	pCi/L							
Radium 228 MDC		0.8	pCi/L							
Lab ID: B25101211-001HDUP	3	Sample Duplicate				Run: TENNELEC-4_251023E				10/29/25 17:37
Radium 228		0.45	pCi/L					17	30	U
Radium 228 precision (±)		0.59	pCi/L							
Radium 228 MDC		0.94	pCi/L							

- The RER result is 0.09.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A3500-Cr B**									Analytical Run: SPEC3_251015A	
Lab ID: **CCV**		Continuing Calibration Verification Standard							10/15/25 12:08	
Chromium, Hexavalent		0.0999	mg/L	0.010	100	90	110			
Method: **A3500-Cr B**									Batch: R452038	
Lab ID: **MBLK**		Method Blank				Run: SPEC3_251015A			10/15/25 12:08	
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: **LCS**		Laboratory Control Sample				Run: SPEC3_251015A			10/15/25 12:08	
Chromium, Hexavalent		0.100	mg/L	0.010	100	90	110			
Lab ID: **B25101207-002AMS**		Sample Matrix Spike				Run: SPEC3_251015A			10/15/25 12:08	
Chromium, Hexavalent		0.107	mg/L	0.010	107	80	120			
Lab ID: **B25101207-002AMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_251015A			10/15/25 12:08	
Chromium, Hexavalent		0.104	mg/L	0.010	104	80	120	3.5	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: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A4500-S D**										Batch: R452204
Lab ID: **MBLK**	Method Blank					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		ND	mg/L	0.007						
Lab ID: **LCS**	Laboratory Control Sample					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		0.219	mg/L	0.040	97	85	115			
Lab ID: **B25101211-001FMS**	Sample Matrix Spike					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		0.225	mg/L	0.040	99	70	130			
Lab ID: **B25101211-001FMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		0.223	mg/L	0.040	98	70	130			
Lab ID: **B25101211-001FMS**	Sample Matrix Spike					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		0.438	mg/L	0.040	96	70	130			
Lab ID: **B25101211-001FMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_251017A				10/17/25 10:27
Sulfide		0.444	mg/L	0.040	98	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E300.0**									Analytical Run: IC METROHM 2_251020A	
Lab ID: **ICV**	3	Initial Calibration Verification Standard							10/20/25 16:36	
Chloride		25.9	mg/L	1.0	104	90	110			
Sulfate		104	mg/L	1.0	104	90	110			
Fluoride		1.29	mg/L	0.10	103	90	110			
Lab ID: **CCV**	3	Continuing Calibration Verification Standard							10/25/25 05:55	
Chloride		25.7	mg/L	1.0	103	90	110			
Sulfate		103	mg/L	1.0	103	90	110			
Fluoride		1.17	mg/L	0.10	94	90	110			
Method: **E300.0**									Batch: R452335	
Lab ID: **ICB**	3	Method Blank				Run: IC METROHM 2_251020A			10/20/25 16:53	
Chloride		ND	mg/L	0.09						
Sulfate		ND	mg/L	0.4						
Fluoride		ND	mg/L	0.005						
Lab ID: **LFB**	3	Laboratory Fortified Blank				Run: IC METROHM 2_251020A			10/20/25 17:10	
Chloride		26.6	mg/L	1.0	106	90	110			
Sulfate		107	mg/L	1.1	107	90	110			
Fluoride		1.27	mg/L	0.10	102	90	110			
Lab ID: **B25101192-003BMS**	3	Sample Matrix Spike				Run: IC METROHM 2_251020A			10/25/25 05:04	
Chloride		34.1	mg/L	1.0	109	90	110			
Sulfate		276	mg/L	1.1	108	90	110			
Fluoride		2.52	mg/L	0.10	109	90	110			
Lab ID: **B25101192-003BMSD**	3	Sample Matrix Spike Duplicate				Run: IC METROHM 2_251020A			10/25/25 05:21	
Chloride		34.0	mg/L	1.0	108	90	110	0.2	20	
Sulfate		277	mg/L	1.1	109	90	110	0.4	20	
Fluoride		2.48	mg/L	0.10	106	90	110	1.5	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: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **Kelada-01**									Analytical Run: SFA-202-B_251016A	
Lab ID: **ICV**		Initial Calibration Verification Standard							10/16/25 12:20	
Cyanide, Weak Acid Dissociable		0.00989	mg/L	0.0010	99	90	110			
Method: **Kelada-01**									Batch: R452161	
Lab ID: **ICB**		Method Blank				Run: SFA-202-B_251016A			10/16/25 12:22	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0009						
Lab ID: **LFB**		Laboratory Fortified Blank				Run: SFA-202-B_251016A			10/16/25 12:24	
Cyanide, Weak Acid Dissociable		0.00955	mg/L	0.0010	96	90	110			
Lab ID: **LCS1-ZnCN**		Laboratory Control Sample				Run: SFA-202-B_251016A			10/16/25 12:26	
Cyanide, Weak Acid Dissociable		0.00908	mg/L	0.0010	91	90	110			
Lab ID: **LCS2-K3Fe(CN)6**		Laboratory Control Sample				Run: SFA-202-B_251016A			10/16/25 12:28	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0010	0	0	5			
Lab ID: **LCS3-K4Fe(CN)6**		Laboratory Control Sample				Run: SFA-202-B_251016A			10/16/25 12:30	
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0010	0	0	5			
Lab ID: **B25101091-001EMS**		Sample Matrix Spike				Run: SFA-202-B_251016A			10/16/25 12:48	
Cyanide, Weak Acid Dissociable		0.00995	mg/L	0.0010	99	80	120			
Lab ID: **B25101091-001EMSD**		Sample Matrix Spike Duplicate				Run: SFA-202-B_251016A			10/16/25 12:52	
Cyanide, Weak Acid Dissociable		0.00940	mg/L	0.0010	94	80	120	5.7	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: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.7**									Analytical Run: ICP205-B_251020A	
Lab ID: **ICV**		Continuing Calibration Verification Standard							10/20/25 16:22	
Boron		2.56	mg/L	0.10	102	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard							10/20/25 18:34	
Boron		2.50	mg/L	0.10	100	90	110			
Method: **E200.7**									Batch: 204173	
Lab ID: **MB-204173**		Method Blank				Run: ICP205-B_251020A			10/20/25 18:08	
Boron		ND	mg/L	0.008						
Lab ID: **LCS3-204173**		Laboratory Control Sample				Run: ICP205-B_251020A			10/20/25 18:10	
Boron		1.04	mg/L	0.10	104	85	115			
Lab ID: **B25101188-002DMS3**		Sample Matrix Spike				Run: ICP205-B_251020A			10/20/25 18:31	
Boron		1.35	mg/L	0.050	104	70	130			
Lab ID: **B25101188-002DMSD3**		Sample Matrix Spike Duplicate				Run: ICP205-B_251020A			10/20/25 18:32	
Boron		1.19	mg/L	0.050	88	70	130	13	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: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS207-B_251017A	
Lab ID: **QCS**	4	Initial Calibration Verification Standard							10/18/25 14:10	
Antimony		0.0402	mg/L	0.0050	101	90	110			
Arsenic		0.0410	mg/L	0.0050	102	90	110			
Iron		0.199	mg/L	0.020	100	90	110			
Uranium		0.0414	mg/L	0.00030	104	90	110			
Lab ID: **CCV**	4	Continuing Calibration Verification Standard							10/18/25 20:11	
Antimony		0.0487	mg/L	0.0050	97	90	110			
Arsenic		0.0475	mg/L	0.0050	95	90	110			
Iron		1.22	mg/L	0.020	94	90	110			
Uranium		0.0470	mg/L	0.00030	94	90	110			
Lab ID: **QCS**	4	Initial Calibration Verification Standard							10/18/25 23:24	
Antimony		0.0422	mg/L	0.0050	106	90	110			
Arsenic		0.0399	mg/L	0.0050	100	90	110			
Iron		0.204	mg/L	0.020	102	90	110			
Uranium		0.0404	mg/L	0.00030	101	90	110			
Lab ID: **CCV**	4	Continuing Calibration Verification Standard							10/19/25 06:07	
Antimony		0.0488	mg/L	0.0050	98	90	110			
Arsenic		0.0472	mg/L	0.0050	94	90	110			
Iron		1.21	mg/L	0.020	93	90	110			
Uranium		0.0538	mg/L	0.00030	108	90	110			
Method: **E200.8**									Batch: 204173	
Lab ID: **MB-204173**	6	Method Blank				Run: ICPMS207-B_251017A			10/18/25 17:34	
Antimony		ND	mg/L	0.00008						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Iron		ND	mg/L	0.004						
Thallium		ND	mg/L	0.0002						
Uranium		ND	mg/L	0.00002						
Lab ID: **LCS3-204173**	6	Laboratory Control Sample				Run: ICPMS207-B_251017A			10/18/25 17:45	
Antimony		1.06	mg/L	0.0050	106	85	115			
Arsenic		1.02	mg/L	0.010	102	85	115			
Chromium		1.03	mg/L	0.010	103	85	115			
Iron		5.13	mg/L	0.20	103	85	115			
Thallium		1.01	mg/L	0.0050	101	85	115			
Uranium		0.991	mg/L	0.00050	99	85	115			
Lab ID: **B25101192-001DMS4**	6	Sample Matrix Spike				Run: ICPMS207-B_251017A			10/18/25 20:29	
Antimony		0.124	mg/L	0.0010	61	70	130			S
Arsenic		0.175	mg/L	0.0050	84	70	130			
Chromium		0.170	mg/L	0.0050	85	70	130			
Iron		2.66	mg/L	0.10	82	70	130			
Thallium		0.168	mg/L	0.0025	84	70	130			
Uranium		0.198	mg/L	0.00030	99	70	130			

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 Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: 204173
Lab ID: B25101192-001DMS4	6	Sample Matrix Spike				Run: ICPMS207-B_251017A			10/18/25 20:29	
Lab ID: B25101192-001DMSD4	6	Sample Matrix Spike Duplicate				Run: ICPMS207-B_251017A			10/18/25 20:35	
Antimony		0.137	mg/L	0.0010	67	70	130	9.7	20	S
Arsenic		0.194	mg/L	0.0050	93	70	130	10	20	
Chromium		0.188	mg/L	0.0050	94	70	130	10	20	
Iron		2.66	mg/L	0.10	83	70	130	0.1	20	
Thallium		0.190	mg/L	0.0025	95	70	130	12	20	
Uranium		0.196	mg/L	0.00030	98	70	130	1.1	20	
Lab ID: MB-204173	6	Method Blank				Run: ICPMS207-B_251017A			10/19/25 04:49	
Antimony		ND	mg/L	0.00008						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Iron		ND	mg/L	0.004						
Thallium		0.0002	mg/L	0.0002						
Uranium		ND	mg/L	0.00002						
Method: E200.8										Analytical Run: ICPMS208-B_251015B
Lab ID: QCS	2	Initial Calibration Verification Standard							10/16/25 00:46	
Iron		0.215	mg/L	0.020	107	90	110			
Manganese		0.205	mg/L	0.0050	103	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard							10/16/25 07:18	
Iron		1.31	mg/L	0.020	101	90	110			
Manganese		0.0470	mg/L	0.0050	94	90	110			
Method: E200.8										Batch: R452103
Lab ID: LRB	2	Method Blank				Run: ICPMS208-B_251015B			10/15/25 17:12	
Iron		ND	mg/L	0.004						
Manganese		ND	mg/L	0.00005						
Lab ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS208-B_251015B			10/15/25 17:30	
Iron		5.22	mg/L	0.020	104	85	115			
Manganese		0.0471	mg/L	0.0050	94	85	115			
Lab ID: B25101211-001BMS	2	Sample Matrix Spike				Run: ICPMS208-B_251015B			10/16/25 08:17	
Iron		5.23	mg/L	0.020	105	70	130			
Manganese		0.0485	mg/L	0.0010	96	70	130			
Lab ID: B25101211-001BMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS208-B_251015B			10/16/25 08:23	
Iron		5.17	mg/L	0.020	103	70	130	1.2	20	
Manganese		0.0477	mg/L	0.0010	95	70	130	1.6	20	

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 Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**										Analytical Run: ICPMS208-B_251020A
Lab ID: **QCS**		Initial Calibration Verification Standard								10/20/25 12:13
Chromium		0.0395	mg/L	0.010	99	90	110			
Lab ID: **CCV**		Continuing Calibration Verification Standard								10/20/25 16:41
Chromium		0.0468	mg/L	0.010	94	90	110			
Method: **E200.8**										Batch: 204173
Lab ID: **MB-204173**		Method Blank				Run: ICPMS208-B_251020A				10/20/25 15:11
Chromium		ND	mg/L	0.0005						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS209-B_251020A	
Lab ID: **QCS**	7	Initial Calibration Verification Standard							10/20/25 12:09	
Cadmium		0.0203	mg/L	0.0010	101	90	110			
Copper		0.0411	mg/L	0.010	103	90	110			
Nickel		0.0414	mg/L	0.0050	103	90	110			
Selenium		0.0400	mg/L	0.0050	100	90	110			
Silver		0.0200	mg/L	0.0050	100	90	110			
Thallium		0.0402	mg/L	0.0050	101	90	110			
Zinc		0.0411	mg/L	0.0050	103	90	110			
Lab ID: **CCV**	7	Continuing Calibration Verification Standard							10/21/25 12:25	
Cadmium		0.0473	mg/L	0.0010	95	90	110			
Copper		0.0465	mg/L	0.010	93	90	110			
Nickel		0.0466	mg/L	0.0050	93	90	110			
Selenium		0.0455	mg/L	0.0050	91	90	110			
Silver		0.0192	mg/L	0.0050	96	90	110			
Thallium		0.0477	mg/L	0.0050	95	90	110			
Zinc		0.0463	mg/L	0.0050	93	90	110			
Lab ID: **QCS**	7	Initial Calibration Verification Standard							10/21/25 19:22	
Cadmium		0.0208	mg/L	0.0010	104	90	110			
Copper		0.0393	mg/L	0.010	98	90	110			
Nickel		0.0394	mg/L	0.0050	99	90	110			
Selenium		0.0397	mg/L	0.0050	99	90	110			
Silver		0.0205	mg/L	0.0050	102	90	110			
Thallium		0.0403	mg/L	0.0050	101	90	110			
Zinc		0.0395	mg/L	0.0050	99	90	110			
Lab ID: **CCV**	7	Continuing Calibration Verification Standard							10/21/25 23:21	
Cadmium		0.0472	mg/L	0.0010	94	90	110			
Copper		0.0455	mg/L	0.010	91	90	110			
Nickel		0.0458	mg/L	0.0050	92	90	110			
Selenium		0.0467	mg/L	0.0050	93	90	110			
Silver		0.0189	mg/L	0.0050	94	90	110			
Thallium		0.0477	mg/L	0.0050	95	90	110			
Zinc		0.0466	mg/L	0.0050	93	90	110			
Method: **E200.8**									Batch: 204173	
Lab ID: **MB-204173**		Method Blank				Run: ICPMS209-B_251020A			10/21/25 14:10	
Thallium		ND	mg/L	0.00008						
Method: **E200.8**									Batch: R452314	
Lab ID: **LRB**	6	Method Blank				Run: ICPMS209-B_251020A			10/20/25 12:30	
Cadmium		ND	mg/L	9E-6						
Copper		ND	mg/L	0.00005						
Nickel		ND	mg/L	0.00006						
Selenium		ND	mg/L	0.00002						
Silver		ND	mg/L	3E-6						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Batch: R452314
Lab ID: LRB	6	Method Blank				Run: ICPMS209-B_251020A				10/20/25 12:30
Zinc		ND	mg/L	0.001						
Lab ID: LFB	6	Laboratory Fortified Blank				Run: ICPMS209-B_251020A				10/20/25 12:47
Cadmium		0.0480	mg/L	0.0010	96	85	115			
Copper		0.0508	mg/L	0.010	102	85	115			
Nickel		0.0516	mg/L	0.0050	103	85	115			
Selenium		0.0491	mg/L	0.0050	98	85	115			
Silver		0.0192	mg/L	0.0050	96	85	115			
Zinc		0.0488	mg/L	0.0050	98	85	115			
Lab ID: MB-204300	6	Method Blank				Run: ICPMS209-B_251020A				10/22/25 00:21
Cadmium		ND	mg/L	7E-6						
Copper		0.00009	mg/L	0.00005						
Nickel		ND	mg/L	0.00006						
Selenium		ND	mg/L	0.00002						
Silver		ND	mg/L	5E-6						
Zinc		ND	mg/L	0.001						
Lab ID: B25101436-004BMS	6	Sample Matrix Spike				Run: ICPMS209-B_251020A				10/22/25 03:22
Cadmium		0.0482	mg/L	0.0010	96	70	130			
Copper		0.0448	mg/L	0.0050	88	70	130			
Nickel		0.0447	mg/L	0.0050	89	70	130			
Selenium		0.0476	mg/L	0.0010	92	70	130			
Silver		0.0191	mg/L	0.0010	96	70	130			
Zinc		0.0433	mg/L	0.010	87	70	130			
Lab ID: B25101436-004BMSD	6	Sample Matrix Spike Duplicate				Run: ICPMS209-B_251020A				10/22/25 03:27
Cadmium		0.0470	mg/L	0.0010	94	70	130	2.5	20	
Copper		0.0439	mg/L	0.0050	86	70	130	2.1	20	
Nickel		0.0437	mg/L	0.0050	87	70	130	2.2	20	
Selenium		0.0473	mg/L	0.0010	92	70	130	0.5	20	
Silver		0.0187	mg/L	0.0010	93	70	130	2.3	20	
Zinc		0.0431	mg/L	0.010	86	70	130	0.5	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: B25101211 **Report Date:** 10/27/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E245.1**									Analytical Run: HGCV205-B_251021A	
Lab ID: **ICV-204264**		Initial Calibration Verification Standard							10/21/25 11:05	
Mercury		0.00186	mg/L	0.00010	93	90	110			
Lab ID: **CCV1**		Continuing Calibration Verification Standard							10/21/25 11:06	
Mercury		0.00244	mg/L	0.00010	98	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard							10/21/25 12:05	
Mercury		0.00243	mg/L	0.00010	97	90	110			
Method: **E245.1**									Batch: 204266	
Lab ID: **MB-204266**		Method Blank				Run: HGCV205-B_251021A			10/21/25 11:44	
Mercury		ND	mg/L	0.00005						
Lab ID: **LCS-204266**		Laboratory Control Sample				Run: HGCV205-B_251021A			10/21/25 11:46	
Mercury		0.00182	mg/L	0.00010	91	85	115			
Lab ID: **B25101282-001EMS**		Sample Matrix Spike				Run: HGCV205-B_251021A			10/21/25 12:20	
Mercury		0.00180	mg/L	0.00010	90	70	130			
Lab ID: **B25101282-001EMSD**		Sample Matrix Spike Duplicate				Run: HGCV205-B_251021A			10/21/25 12:22	
Mercury		0.00181	mg/L	0.00010	90	70	130	0.6	30	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25101211

Login completed by: Crystal M. Jones
Date Received: 10/15/2025
Reviewed by: gmccartney
Received by: DNH
Reviewed Date: 10/20/2025
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:	1.2°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 sample for potentially dissolved metals analysis was subsampled and filtered in the laboratory. According to the Code of Colorado Regulation these samples should be filtered within 8 to 96 hours of preservation with nitric acid to a

Work Order Receipt Checklist - Continued

Linkan Engineering B25101211

pH < 2. CMJ 10/15/25

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	197843

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

Outfall 001A - Bi-Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc. Schwartzwalder Mine

Sampler Name Bryant Acevedo | Sampler Phone 7/238/6169

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)	Hexavalent Chromium	Metals, Dissolved	Metals, Total Recoverable	Metals, Potentially Dissolved	Cyanide, WAD	Sulfide, Methylene Blue Colorimetric	Radium 226, Dissolved	Radium 226 + Radium 228		See Attached	RUSH TAT	ELI LAB ID (Laboratory Use Only)
1	Outfall 001A	10-14	13:40	8	W										●		B25101211
2															●		
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	10-14/1500				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Danielle Harris	10/15/25 1035	

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 197843

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

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

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 9/26/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4	Chemical Oxygen Demand		H2SO4		1
		HACH 8000	Preparation for COD testing HACH 8000				
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs			1
		E300.0	Anions by Ion Chromatography				
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total Recoverable		HNO3		1
		Calculation	Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				
		E200.2	Metals Digestion by E200.2				
		E245.1	Mercury Digestion by E245.1				

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		ZnAc NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		HNO3	Filter before preservation	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

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.

ANALYTICAL SUMMARY REPORT

October 13, 2025

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

Work Order: B25100175 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 10/2/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25100175-001	Outfall 001A	09/26/25 14:50	10/02/25	Aqueous	
B25100175-002	Outfall 001A	09/29/25 14:30	10/02/25	Aqueous	Solids, Total Suspended
B25100175-003	Outfall 001A	10/01/25 15:15	10/02/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000 Solids, Total Dissolved Solids, Total Suspended

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.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25100175-002
Client Sample ID: Outfall 001A

Report Date: 10/13/25
Collection Date: 09/29/25 14:30
DateReceived: 10/02/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/02/25 13:55 / pjw

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
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: B25100175-003
Client Sample ID: Outfall 001A

Report Date: 10/13/25
Collection Date: 10/01/25 15:15
DateReceived: 10/02/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/02/25 13:55 / pjw
Solids, Total Dissolved TDS @ 180 C	109	mg/L		20		A2540 C	10/02/25 13:40 / etv
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	6	mg/L		5		E410.4	10/03/25 15:52 / fap

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: B25100175 **Report Date:** 10/13/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C										Batch: TDS20251002B
Lab ID: MBLK_20251002-5		Method Blank				Run: Bal #30_251002C				10/02/25 13:39
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	20						
Lab ID: LCS_20251002-4		Laboratory Control Sample				Run: Bal #30_251002C				10/02/25 13:39
Solids, Total Dissolved TDS @ 180 C		1010	mg/L	25	101	90	110			
Lab ID: B25100175-003CDUP		Sample Duplicate				Run: Bal #30_251002C				10/02/25 13:41
Solids, Total Dissolved TDS @ 180 C		107	mg/L	25				1.8	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: B25100175 **Report Date:** 10/13/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**										Batch: TSS20251002A
Lab ID: **MBLK_20251002-3**		Method Blank				Run: BAL #30_251002A				10/02/25 09:38
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20251002-3**		Laboratory Control Sample				Run: BAL #30_251002A				10/02/25 09:38
Solids, Total Suspended TSS @ 105 C		101	mg/L	25	101	80	120			
Lab ID: **B25100160-002BDUP**		Sample Duplicate				Run: BAL #30_251002A				10/02/25 13:53
Solids, Total Suspended TSS @ 105 C		97.0	mg/L	25				7.9	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: B25100175 **Report Date:** 10/13/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Analytical Run: SPEC3_251003A	
Lab ID: CCV-203830		Continuing Calibration Verification Standard							10/03/25 15:51	
Oxygen Demand, Chemical (COD)		49.3	mg/L	5.0	99	90	110			
Method: E410.4									Batch: 203830	
Lab ID: MB-203830		Method Blank				Run: SPEC3_251003A			10/03/25 15:51	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: LCS-203830		Laboratory Control Sample				Run: SPEC3_251003A			10/03/25 15:52	
Oxygen Demand, Chemical (COD)		26.2	mg/L	5.0	108	90	110			
Lab ID: B25100068-001CMS		Sample Matrix Spike				Run: SPEC3_251003A			10/03/25 15:52	
Oxygen Demand, Chemical (COD)		74.5	mg/L	5.0	104	90	110			
Lab ID: B25100068-001CMSD		Sample Matrix Spike Duplicate				Run: SPEC3_251003A			10/03/25 15:52	
Oxygen Demand, Chemical (COD)		75.7	mg/L	5.0	109	90	110	1.5	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25100175

Login completed by: Crystal M. Jones
Date Received: 10/2/2025
Reviewed by: cindy
Received by: LSC
Reviewed Date: 10/11/2025
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:	4.0°C On 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 sample container for Outfall 001A collected 09/26/25 for total suspended solids analysis was received broken. An email was sent to Bryant Acevedo on 10/02/25. CMJ 10/02/25

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	197843

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

Outfall 001A - Weekly Sample
+ Quarterly TDS

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acevedo
Sampler Phone	7/238/6168
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)*	Total Suspended Solids	Chemical Oxygen Demand	Total dissolved solids							See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	9-26	1450	1	W	X									●		B25100175
2	Outfall 001A	9-29	1430	1	W	X									●		
3	Outfall 001A	10-1	~~1355~~ 1515	2	W	X	X								●		
4	Quarterly TDS	10-1	~~1355~~ 1515	1	W			X									
5			1515														
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	10-1 ~~1450~~				
	Relinquished by (print)	Date/Time 16:00	Signature	Received by Laboratory (print) Leslie McNean	Date/Time 10/07/25 10:20	Signature

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 197843

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

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

+ Quarterly TDS Sample.

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 9/26/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		☐ H2SO4		1
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B E300.0	Chromium, Hexavalent Anions by Ion Chromatography	24.00 hrs			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 Calculation E245.1 E200.2 E245.1	Metals by ICP/ICPMS, Total Recoverable Chromium, Total Recoverable Trivalent Mercury, Total Metals Digestion by E200.2 Mercury Digestion by E245.1		☐ HNO3		1

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		■ HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		■ NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		■ ZnAc ■ NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		■ HNO3	Filter before preservation	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

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.

ANALYTICAL SUMMARY REPORT

October 16, 2025

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

Work Order: B25100946 Quote ID: B17287

Project Name: Schwartzwalder Mine

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

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25100946-001	Outfall 001A	10/03/25 14:05	10/10/25	Aqueous	Solids, Total Suspended
B25100946-002	Outfall 001A	10/06/25 14:10	10/10/25	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.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25100946-001
Client Sample ID: Outfall 001A

Report Date: 10/16/25
Collection Date: 10/03/25 14:05
DateReceived: 10/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/10/25 13:27 / pjw

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
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: B25100946-002
Client Sample ID: Outfall 001A

Report Date: 10/16/25
Collection Date: 10/06/25 14:10
DateReceived: 10/10/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/10/25 15:10 / pjw
TSS did not obtain the minimum residue requirement of 2.5 mg residue.							

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: B25100946 **Report Date:** 10/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**									Batch: TSS20251010A	
Lab ID: **MBLK_20251010-5**	Method Blank					Run: BAL #30_251010A			10/10/25 09:53	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20251010-1**	Laboratory Control Sample					Run: BAL #30_251010A			10/10/25 09:53	
Solids, Total Suspended TSS @ 105 C		97.0	mg/L	25	97	80	120			
Lab ID: **B25100874-001BDUP**	Sample Duplicate					Run: BAL #30_251010A			10/10/25 09:55	
Solids, Total Suspended TSS @ 105 C		6.80	mg/L	10					10	J
Method: **A2540 D**									Batch: TSS20251010B	
Lab ID: **MBLK_20251010-8**	Method Blank					Run: BAL #30_251010B			10/10/25 15:10	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20251010-3**	Laboratory Control Sample					Run: BAL #30_251010B			10/10/25 15:10	
Solids, Total Suspended TSS @ 105 C		103	mg/L	25	103	80	120			
Lab ID: **B25100946-002ADUP**	Sample Duplicate					Run: BAL #30_251010B			10/10/25 15:10	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	10					10	

TSS did not obtain the minimum residue requirement of 2.5 mg residue.

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

J - Estimated value - analyte was present but less than the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25100946

Login completed by: Crystal M. Jones
Date Received: 10/10/2025
Reviewed by: lcadreau
Received by: GM
Reviewed Date: 10/16/2025
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:	13.5°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:

None

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	196621

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

Outfall 001A - Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acuña
Sampler Phone	775/238/1069
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)*	Analysis Requested: Total Suspended Solids	Chemical Oxygen Demand							See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	10-3	1405	1	W	X								●		B2510946
2	Outfall 001A	10-6	1410	1	W	X								●		
3	~~Outfall 001A~~													●		
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 Acuña	10-8/1400		BMC	11:00	
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				M Carney	10-10-25	

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.

ENERGY LABORATORIES
Trust our People. Trust our Data.
Billings, MT 406.252.6325 • Casper, WY 307.235.0515 • Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

BOTTLE ORDER 196621

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

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

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 8/27/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		☐ H2SO4		1
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B E300.0	Chromium, Hexavalent Anions by Ion Chromatography	24.00 hrs			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 Calculation E245.1 E200.2 E245.1	Metals by ICP/ICPMS, Total Recoverable Chromium, Total Recoverable Trivalent Mercury, Total Metals Digestion by E200.2 Mercury Digestion by E245.1		☐ HNO3		1

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		■ HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		■ NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		■ ZnAc ■ NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		■ HNO3	Filter before preservation	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

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.

ANALYTICAL SUMMARY REPORT

October 29, 2025

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

Work Order: B25101480 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 10/17/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25101480-001	Outfall 001A	10/14/25 13:40	10/17/25	Aqueous	Solids, Total Suspended
B25101480-002	Outfall 001A	10/15/25 14:10	10/17/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000 Solids, Total Suspended
B25101480-003	Outfall 001A	10/16/25 14:30	10/17/25	Aqueous	Solids, Total Suspended

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.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25101480-001
Client Sample ID: Outfall 001A

Report Date: 10/29/25
Collection Date: 10/14/25 13:40
DateReceived: 10/17/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/17/25 18:21 / pjw

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
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: B25101480-002
Client Sample ID: Outfall 001A

Report Date: 10/29/25
Collection Date: 10/15/25 14:10
DateReceived: 10/17/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/17/25 18:21 / pjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	19	mg/L		5		E410.4	10/29/25 13:17 / fap

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
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: B25101480-003
Client Sample ID: Outfall 001A

Report Date: 10/29/25
Collection Date: 10/16/25 14:30
DateReceived: 10/17/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/17/25 18:21 / pjw

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: B25101480 **Report Date:** 10/28/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**										Batch: TSS20251017B
Lab ID: **MBLK_20251017-16**		Method Blank				Run: BAL #30_251017C				10/17/25 18:20
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20251017-9**		Laboratory Control Sample				Run: BAL #30_251017C				10/17/25 18:20
Solids, Total Suspended TSS @ 105 C		100	mg/L	25	100	80	120			
Lab ID: **B25101526-007BDUP**		Sample Duplicate				Run: BAL #30_251017C				10/17/25 18:21
Solids, Total Suspended TSS @ 105 C		52.8	mg/L	10				7.1	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: B25101480 **Report Date:** 10/29/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E410.4**									Analytical Run: SPEC3_251029A	
Lab ID: **CCV-204536**	Continuing Calibration Verification Standard								10/29/25 13:17	
Oxygen Demand, Chemical (COD)		54.3	mg/L	5.0	109	90	110			
Method: **E410.4**									Batch: 204536	
Lab ID: **MB-204536**	Method Blank					Run: SPEC3_251029A			10/29/25 13:17	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: **LCS-204536**	Laboratory Control Sample					Run: SPEC3_251029A			10/29/25 13:17	
Oxygen Demand, Chemical (COD)		24.7	mg/L	5.0	101	90	110			
Lab ID: **B25101997-005EMS**	Sample Matrix Spike					Run: SPEC3_251029A			10/29/25 13:17	
Oxygen Demand, Chemical (COD)		48.1	mg/L	5.0	99	90	110			
Lab ID: **B25101997-005EMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_251029A			10/29/25 13:17	
Oxygen Demand, Chemical (COD)		45.7	mg/L	5.0	88	90	110	5.3	10	S

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

S - Spike recovery outside of advisory limits

Work Order Receipt Checklist

Linkan Engineering

B25101480

Login completed by: Leslie S. Cadreau
Date Received: 10/17/2025
Reviewed by: shelms
Received by: CMJ
Reviewed Date: 10/29/2025
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:	4.3°C On 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:

None

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	196621

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

Outfall 001A - Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acevedo
Sampler Phone	7/238/6169
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)*	Total Suspended Solids	Chemical Oxygen Demand								See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	10-14	13:40	1	W										●		B25101480
2	Outfall 001A	10-15	14:10	2	W										●		
3	Outfall 001A	10-16	14:30	1	W										●		
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	10-16/1530			1035	
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Crystal Jones	10/17/25 0745	

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 196621

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

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

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 8/27/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		☐ H2SO4		1
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B E300.0	Chromium, Hexavalent Anions by Ion Chromatography	24.00 hrs			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 Calculation E245.1 E200.2 E245.1	Metals by ICP/ICPMS, Total Recoverable Chromium, Total Recoverable Trivalent Mercury, Total Metals Digestion by E200.2 Mercury Digestion by E245.1		☐ HNO3		1 1

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		■ HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		■ NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		■ ZnAc ■ NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		■ HNO3	Filter before preservation	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

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.

ANALYTICAL SUMMARY REPORT

October 30, 2025

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

Work Order: B25101909 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 10/23/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25101909-001	Outfall 001A	10/20/25 14:30	10/23/25	Aqueous	Solids, Total Suspended
B25101909-002	Outfall 001A	10/21/25 14:45	10/23/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000 Solids, Total Suspended
B25101909-003	Outfall 001A	10/22/25 13:45	10/23/25	Aqueous	Solids, Total Suspended

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.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25101909-001
Client Sample ID: Outfall 001A

Report Date: 10/30/25
Collection Date: 10/20/25 14:30
DateReceived: 10/23/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.7	mg/L	J	10		A2540 D	10/24/25 10:20 / jpv

Report Definitions:

RL - Analyte Reporting Limit
QCL - Quality Control Limit
J - Estimated value - analyte was present but less than the Reporting Limit (RL)
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: B25101909-002
Client Sample ID: Outfall 001A

Report Date: 10/30/25
Collection Date: 10/21/25 14:45
DateReceived: 10/23/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/24/25 10:20 / jpv
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	5	mg/L	J	5		E410.4	10/27/25 15:55 / fap

Report Definitions:

RL - Analyte Reporting Limit
QCL - Quality Control Limit
J - Estimated value - analyte was present but less than the Reporting Limit (RL)
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: B25101909-003
Client Sample ID: Outfall 001A

Report Date: 10/30/25
Collection Date: 10/22/25 13:45
DateReceived: 10/23/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.9	mg/L	J	10		A2540 D	10/24/25 10:20 / jpv

Report Definitions:

RL - Analyte Reporting Limit
QCL - Quality Control Limit
J - Estimated value - analyte was present but less than the Reporting Limit (RL)
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101909 **Report Date:** 10/30/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**									Batch: TSS20251024A	
Lab ID: **MBLK_20251024-2**		Method Blank				Run: BAL #30_251024D			10/24/25 10:19	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20251024-1**		Laboratory Control Sample				Run: BAL #30_251024D			10/24/25 10:19	
Solids, Total Suspended TSS @ 105 C		108	mg/L	25	108	80	120			
Lab ID: **B25101974-001BDUP**		Sample Duplicate				Run: BAL #30_251024D			10/24/25 10:21	
Solids, Total Suspended TSS @ 105 C		6.80	mg/L	10					10	J

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

J - Estimated value - analyte was present but less than the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25101909 **Report Date:** 10/30/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E410.4**									Analytical Run: SPEC3_251027B	
Lab ID: **CCV-204435**	Continuing Calibration Verification Standard								10/27/25 15:54	
Oxygen Demand, Chemical (COD)		52.3	mg/L	5.0	105	90	110			
Method: **E410.4**									Batch: 204435	
Lab ID: **MB-204435**	Method Blank					Run: SPEC3_251027B			10/27/25 15:54	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: **LCS-204435**	Laboratory Control Sample					Run: SPEC3_251027B			10/27/25 15:54	
Oxygen Demand, Chemical (COD)		24.4	mg/L	5.0	100	90	110			
Lab ID: **B25101891-001EMS**	Sample Matrix Spike					Run: SPEC3_251027B			10/27/25 15:54	
Oxygen Demand, Chemical (COD)		25.6	mg/L	5.0	105	90	110			
Lab ID: **B25101891-001EMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_251027B			10/27/25 15:55	
Oxygen Demand, Chemical (COD)		25.6	mg/L	5.0	105	90	110	0.0	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25101909

Login completed by: Danielle N. Harris
Date Received: 10/23/2025
Reviewed by: gmccartney
Received by: DNH
Reviewed Date: 10/27/2025
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:	4.0°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:

None

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	193742

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

Outfall 001A - Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acevedo
Sampler Phone	7/238/6169
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)*	Total Suspended Solids	Chemical Oxygen Demand							See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	10/20	14:30	1	W	X								●		B251d909
2	Outfall 001A	10/21	14:45	2	W	X	X							●		
3	Outfall 001A	10/22	13:45	1	W	X								●		
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	10-22/1500				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Danielle Hams	10/23/25 1015	

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 193742

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-Outfall 001A Monthly + Weekly

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 4/17/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4	Chemical Oxygen Demand		H2SO4		1
		HACH 8000	Preparation for COD testing HACH 8000				
Outfall 001A Three Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs			1
		E300.0	Anions by Ion Chromatography				
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total Recoverable		HNO3		1
		Calculation	Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				
		E200.2	Metals Digestion by E200.2				
		E245.1	Mercury Digestion by E245.1				

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		ZnAc NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		HNO3	Filter before preservation	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

Extra Weekly Supplies

1 Liter Plastic Wide Mouth	2	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
500 mL Plastic	1	E410.4	Chemical Oxygen Demand		H2SO4		1

Comments

HNO3 - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide

ZnAc - Zinc Acetate HCl - Hydrochloric Acid H3PO4 - Phosphoric Acid

We strongly suggest that the samples are shipped the same day as they are collected.

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.

ANALYTICAL SUMMARY REPORT

November 05, 2025

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

Work Order: B25102423 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 2 samples for Linkan Engineering on 10/30/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25102423-001	Outfall 001A	10/27/25 14:15	10/30/25	Aqueous	Solids, Total Suspended
B25102423-002	Outfall 001A	10/28/25 14:30	10/30/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000 Solids, Total Suspended

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.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25102423-001
Client Sample ID: Outfall 001A

Report Date: 11/05/25
Collection Date: 10/27/25 14:15
DateReceived: 10/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/31/25 11:36 / pjw

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
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: B25102423-002
Client Sample ID: Outfall 001A

Report Date: 11/05/25
Collection Date: 10/28/25 14:30
DateReceived: 10/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	ND	mg/L		10		A2540 D	10/31/25 11:36 / pjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	10/31/25 14:01 / fap

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: B25102423 **Report Date:** 11/05/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D									Batch: TSS20251031A	
Lab ID: MBLK_20251031-5	Method Blank					Run: BAL #30_251031A			10/31/25 11:36	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20251031-2	Laboratory Control Sample					Run: BAL #30_251031A			10/31/25 11:36	
Solids, Total Suspended TSS @ 105 C		101	mg/L	25	101	80	120			
Lab ID: B25102461-001BDUP	Sample Duplicate					Run: BAL #30_251031A			10/31/25 11:36	
Solids, Total Suspended TSS @ 105 C		7.60	mg/L	10					10	J

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

J - Estimated value - analyte was present but less than the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25102423 **Report Date:** 11/05/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Analytical Run: SPEC3_251031B	
Lab ID: CCV-204609		Continuing Calibration Verification Standard							10/31/25 14:01	
Oxygen Demand, Chemical (COD)		51.6	mg/L	5.0	103	90	110			
Method: E410.4									Batch: 204609	
Lab ID: MB-204609		Method Blank				Run: SPEC3_251031B			10/31/25 14:01	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: LCS-204609		Laboratory Control Sample				Run: SPEC3_251031B			10/31/25 14:01	
Oxygen Demand, Chemical (COD)		24.1	mg/L	5.0	99	90	110			
Lab ID: B25102280-001CMS		Sample Matrix Spike				Run: SPEC3_251031B			10/31/25 14:01	
Oxygen Demand, Chemical (COD)		67.2	mg/L	5.0	92	90	110			
Lab ID: B25102280-001CMSD		Sample Matrix Spike Duplicate				Run: SPEC3_251031B			10/31/25 14:01	
Oxygen Demand, Chemical (COD)		66.7	mg/L	5.0	90	90	110	0.7	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25102423

Login completed by: Elizabeth A. Holton
Date Received: 10/30/2025
Reviewed by: mstephens
Received by: JAR
Reviewed Date: 11/4/2025
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:	1.7°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 following issues were resolved per phone conversation with Chris Prosper on 10/30/25:

Work Order Receipt Checklist - Continued

Linkan Engineering B25102423

The collection date indicated on the Outfall 001A Total Suspended Solids container is 10/27/25 and on the chain of custody it is 10/26/25. Proceeded with the collection date as indicated on the sample container.

The collection date indicated on the Outfall 001A container is 10/28/25 and on the chain of custody it is 10/27/25. Proceeded with the collection date as indicated on the sample container. EAH 10/30/25

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

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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	196621

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

Outfall 001A - Weekly Sample

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

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acuredo
Sampler Phone	7/238/6109
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)*	Total Suspended Solids	Chemical Oxygen Demand								See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	10-26	14:15	1	W	X									●		B25102423
2	Outfall 001A	10-27	14:30	2	W	X	X								●		
3	Outfall 001A	~~10-28~~		~~1~~	~~W~~	X									●		
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 Acuredo	10/28/1530				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Jeff Rohrer	10/30/25 11:00	

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.

ENERGY LABORATORIES
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BOTTLE ORDER 196621

***** This is a recurring bottle order. If you have received this in error please contact your laboratory *****

SHIPPED TO: **Linkan Engineering**

Bottle order for Outfall 001A weekly TSS & COD samples.

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

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 8/27/2025
VIA: Ground
Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD (4 Sets)							
500 mL Plastic	1	E410.4	Chemical Oxygen Demand		☐ H2SO4		1
		HACH 8000	Preparation for COD testing HACH 8000				
Outfall 001A 3 Times Weekly TSS (12 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
Outfall 001A Bi-Weekly (2 Sets)							
250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs			1
		E300.0	Anions by Ion Chromatography				
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		■ HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total Recoverable		■ HNO3		1
		Calculation	Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				
		E200.2	Metals Digestion by E200.2				
		E245.1	Mercury Digestion by E245.1				

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		■ HNO3		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		■ NaOH		1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric		■ ZnAc ■ NaOH	Zero headspace	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved		■ HNO3	Filter before preservation	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

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

■ □ ■

■ ZnAc - Zinc Acetate ■ HCl - Hydrochloric Acid ☐ H3PO4 - Phosphoric Acid

We strongly suggest that the samples are shipped the same day as they are collected.

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.

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:	**CO0001244**	**Permittee:**	Colo Div of Reclamation, Mining and Safety	**Facility:**	SCHWARTZWALDER MINE
Major:	No	**Permittee Address:**	1001 E 62 Ave Room 215 Denver, CO 80216	**Facility Location:**	8300 GLENCOE VALLEY RD GOLDEN, CO 80402
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** WWTF Discharge to Ralston Creek		

Report Dates & Status

Monitoring Period:	**From 10/01/25 to 10/31/25**	**DMR Due Date:**	**11/28/25**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Oil and grease - see I.A.2, page 3. Antidegradation limits - see C.2, page 7.

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00340	**Oxygen demand, chem. [high level] [COD]**	1 - Effluent Gross	0	--	Sample								=	7.5	=	19.0	19 - mg/L		01/07 - Weekly	CP - Composite
					Permit Req.								<=	100.0 30DA AVG	<=	200.0 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.05			=	7.6	12 - SU		05/WK - Five Per Week	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	05/WK - Five Per Week	GR - Grab
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								<	10.0	<	10.0	19 - mg/L		03/07 - Three Per Week	CP - Composite
					Permit Req.								<=	20.0 30DA AVG	<=	30.0 DAILY MX	19 - mg/L	0	03/07 - Three Per Week	CP - Composite
					Value NODI															
00718	**Cyanide, weak acid, dissociable**	1 - Effluent Gross	0	--	Sample										<	1.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.										<=	5.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
00718	**Cyanide, weak acid, dissociable**	P - See Comments	0	--	Sample															
					Permit Req.								<=	0.75 ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI									B - Below Detection Limit/No Detection						
00940	**Chloride [as Cl]**	1 - Effluent Gross	0	--	Sample								<	1.0			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	250.0 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
		P - See			Sample								=	0.65			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit												19 -		02/30 - Twice Per	

00940	**Chloride [as Cl]**	Comments	0	--	Req.							<=	54.0 ROLL AVG			mg/L	0	Month	CP - Composite
					Value NODI																
00945	**Sulfate, total [as SO4]**	1 - Effluent Gross	0	--	Sample							=	3.5			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	250.0 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
00945	**Sulfate, total [as SO4]**	P - See Comments	0	--	Sample							=	6.65			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	131.0 ROLL AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
00949	**Fluoride**	1 - Effluent Gross	0	--	Sample									<	0.1	19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
X 00978	**Arsenic, total recoverable**	1 - Effluent Gross	0	--	Sample							=	9.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	0.02 30DA AVG			28 - ug/L	1	02/30 - Twice Per Month	CP - Composite
					Value NODI																
00980	**Iron, total recoverable**	1 - Effluent Gross	0	--	Sample							<	20.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								Req Mon 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
00980	**Iron, total recoverable**	P - See Comments	0	--	Sample							=	7.5			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								Req Mon ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01022	**Boron, total [as B]**	1 - Effluent Gross	0	--	Sample							=	0.16			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	0.46 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01046	**Iron, dissolved [as Fe]**	1 - Effluent Gross	0	--	Sample							<	20.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	300.0 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01046	**Iron, dissolved [as Fe]**	P - See Comments	0	--	Sample							<	20.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	45.0 ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01056	**Manganese, dissolved [as Mn]**	1 - Effluent Gross	0	--	Sample							<	1.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	50.0 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01056	**Manganese, dissolved [as Mn]**	P - See Comments	0	--	Sample							=	0.45			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	7.5 ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
01059	**Thallium, total [as Tl]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.							<=	0.24 30DA AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI								B - Below Detection Limit/No Detection								
01097	**Antimony, total [as Sb]**	1 - Effluent Gross	0	--	Sample							<	1.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.							<=	5.6 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI																
																28 -		02/30 - Twice Per	

01220	**Chromium, hexavalent dissolved [as Cr]**	1 - Effluent Gross	0	--	Sample								<	10.0	<	10.0	ug/L		Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01303	**Zinc, potentially dissolved**	1 - Effluent Gross	0	--	Sample								<	10.0	<	10.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01303	**Zinc, potentially dissolved**	P - See Comments	0	--	Sample								<	10.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI															
01304	**Silver, potentially dissolved**	1 - Effluent Gross	0	--	Sample								<	0.04	<	0.04	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	0.13 30DA AVG	<=	3.5 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01304	**Silver, potentially dissolved**	P - See Comments	0	--	Sample															
					Permit Req.								<=	0.02 ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Value NODI									B - Below Detection Limit/No Detection						
01306	**Copper, potentially dissolved**	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	12.0 30DA AVG	<=	18.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01306	**Copper, potentially dissolved**	P - See Comments	0	--	Sample								=	0.09			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	1.8 ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01313	**Cadmium, potentially dissolvd**	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01322	**Nickel, potentially dissolvd**	1 - Effluent Gross	0	--	Sample								<	5.0	<	5.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01322	**Nickel, potentially dissolvd**	P - See Comments	0	--	Sample								<	5.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01323	**Selenium, potentially dissolvd**	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
01323	**Selenium, potentially dissolvd**	P - See Comments	0	--	Sample								<	1.0			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
03582	**Oil and grease**	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - Grab
					Value NODI											9 - Conditional Monitoring - Not Required This Period				
04262	**Chromium, trivalent total recoverable**	1 - Effluent Gross	0	--	Sample										<	10.0	28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value															

					NODI																		
04262	**Chromium, trivalent total recoverable**	P - See Comments	0	--	Sample								<=	7.5 ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.															
					Value NODI									B - Below Detection Limit/No Detection						
09501	**Radium 226, total**	1 - Effluent Gross	0	--	Sample								=	0.07	=	0.08	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	10.0 30DA AVG	<=	30.0 DAILY MX	17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
09503	**Radium 226, dissolved**	1 - Effluent Gross	0	--	Sample								=	0.075	=	0.08	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	3.0 30DA AVG	<=	10.0 DAILY MX	17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
11503	**Radium 226 + radium 228, total**	1 - Effluent Gross	0	--	Sample								=	0.55			17 - pCi/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	5.0 30DA AVG			17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
22708	**Uranium, total**	1 - Effluent Gross	0	--	Sample								=	13.55			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	30.0 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
22708	**Uranium, total**	P - See Comments	0	--	Sample								=	13.95			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.								<=	22.0 ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	Sample	=	0.106589	=	0.147269	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	0.288 30DA AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
51202	**Sulfide-hydrogen sulfide [undissociated]**	1 - Effluent Gross	0	--	Sample								<	0.04			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
51202	**Sulfide-hydrogen sulfide [undissociated]**	P - See Comments	0	--	Sample								<	0.04			19 - mg/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon ROLL AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
71900	**Mercury, total [as Hg]**	1 - Effluent Gross	0	--	Sample								<	0.1			28 - ug/L		02/30 - Twice Per Month	CP - Composite
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
84066	**Oil and grease visual**	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1									05/WK - Five Per Week	VI - Visual
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1								0	05/WK - Five Per Week	VI - Visual
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00978	Arsenic, total recoverable	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
2025_10_Schwartzwalder_Outfall_001A_Results_7.pdf	pdf	2168431.0
2025_10_Schwartzwalder_Outfall_001A_Results_6.pdf	pdf	2088113.0
2025_10_Schwartzwalder_Outfall_001A_Results_4.pdf	pdf	2163440.0
2025_10_Schwartzwalder_Outfall_001A_Results_5.pdf	pdf	2278350.0
2025_10_Schwartzwalder_Outfall_001A_Results_2.pdf	pdf	2594820.0
2025_10_Schwartzwalder_Outfall_001A_Results_3.pdf	pdf	2210013.0
2025_10_Schwartzwalder_Outfall_001A_Results_1.pdf	pdf	2637125.0
2025_10_Schwartzwalder_Outfall_001A_Cover_Letter.pdf	pdf	236368.0

Report Last Saved By

Colo Div of Reclamation, Mining and Safety

User:	pdelaney@alexcoresource.com
Name:	Patrick Delaney
E-Mail:	pdelaney@blackfoxmining.com
Date/Time:	2025-11-25 11:02 (Time Zone: -07:00)

Report Last Signed By

User:	pdelaney@alexcoresource.com
Name:	Patrick Delaney
E-Mail:	pdelaney@blackfoxmining.com
Date/Time:	2025-11-25 11:04 (Time Zone: -07:00)