STATE OF COLORADO

Hays - DNR, Peter <peter.hays@state.co.us>

Schwartzwalder DMR Submittal 2025.06

1 message

pdelaney@blackfoxmining.com <pdelaney@blackfoxmining.com> Mon, Jul 28, 2025 at 6:20 PM
To: Peter Hays - DNR <peter.hays@state.co.us>
Cc: Quinn Westmoreland <quinn.westmoreland@linkan.com>, Adam Billin <Adam.Billin@linkan.com>, Chris Prosper <chris.prosper@linkan.com>, Sam Billin <sam.billin@linkan.com>, Jared Buck <jared.buck@linkan.com>, Brandy Wadford <brandy.wadford@linkan.com>, alex.schwiebert@linkan.com

All,

Attached is the Copy of Record (COR) for the Discharge Monitoring Report (DMR) for June 2025 for the Schwartzwalder WTP site.

Let me know if you have any questions.

Thanks,

Patrick Delaney

Environmental Manager

Black Fox Mining, LLC

Cell: 315-414-6986

BLACK FOX MINING LLC

www.blackfoxmining.com

2025.06 Schwartzwalder Outfall 001A DMR COR.zip
8956K

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

07/27/2025
25US0221

Re: Discharge Monitoring Report for June 2024
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 June 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.

A WET test was taken in June. This resulted in a pass.

Best regards,
Linkan

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

Enclosures:

June 2025 DMR Submittal
2nd Quarter 2025 TDS Submittal
2nd Quarter 2025 WET Test Submittal

CC List:

Electronic Copy sent to the following:

Peter Hays, CDNR, peter.hays@state.co.us
Quinn Westmoreland, Linkan, quinn.westmoreland@linkan.com
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ANALYTICAL SUMMARY REPORT

July 10, 2025

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

Work Order: B25060950 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 6/11/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25060950-001	Outfall 001A	06/10/25 14:50	06/11/25	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: B25060950

Revised Date: 07/10/25
Report Date: 06/30/25

CASE NARRATIVE

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

Revised Date: 7/10/2025

On 7/1/2025 a request was received from Chris Prosper at Linkan Engineering re-digest and analyze the total metals on sample Outfall 001A (B25050950-001).

Before re-analysis bottle identifications were verified. Below is the summary of the results:

	Original run 6/14/25	Re-run 7/8/25
Arsenic	208 ug/L	206 ug/L
Chromium	ND ug/L	ND ug/L
Iron	20 ug/L	10 ug/L
Uranium	6.9 ug/L	6.6 ug/L
Antimony	ND ug/L	ND ug/L
Boron	180 ug/L	170 ug/L
Thallium	ND ug/L	ND ug/L

The re-analysis result confirmed the original result.

The report has been revised and replaces the previously issued report dated 6/30/2025 in its entirety.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25060950-001
Client Sample ID: Outfall 001A

Revised Date: 07/10/25
Report Date: 06/30/25
Collection Date: 06/10/25 14:50
DateReceived: 06/11/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Chloride	0.5	mg/L	J	1		E300.0	06/12/25 04:45 / caa
Sulfate	4	mg/L		1		E300.0	06/12/25 04:45 / caa
Fluoride	ND	mg/L		0.1		E300.0	06/12/25 04:45 / caa
Cyanide, Weak Acid Dissociable	ND	ug/L		1		Kelada-01	06/11/25 14:54 / fap
Sulfide	ND	mg/L		0.04		A4500-S D	06/13/25 12:24 / pmw
METALS, DISSOLVED							
Chromium, Hexavalent	ND	ug/L		10		A3500-Cr B	06/11/25 12:44 / aem
Iron	10	ug/L	J	20		E200.8	06/14/25 13:01 / jks
Manganese	0.4	ug/L	J	1		E200.8	06/14/25 13:01 / jks
METALS, POTENTIALLY DISSOLVED							
Cadmium	ND	ug/L		1		E200.8	06/14/25 13:05 / jks
Copper	0.1	ug/L	JL	0.5		E200.8	06/14/25 13:05 / jks
Nickel	0.1	ug/L	J	5		E200.8	06/14/25 13:05 / jks
Selenium	ND	ug/L		1		E200.8	06/14/25 13:05 / jks
Silver	ND	ug/L	L	0.04		E200.8	06/14/25 13:05 / jks
Zinc	ND	ug/L		10		E200.8	06/14/25 13:05 / jks
METALS, TOTAL RECOVERABLE							
Arsenic	208	ug/L		1		E200.8	06/18/25 00:26 / jks
Chromium	ND	ug/L		5		E200.8	06/18/25 00:26 / jks
Chromium, Trivalent	ND	ug/L		10		Calculation	06/19/25 09:23 / bap
Iron	20	ug/L	J	20		E200.8	06/18/25 00:26 / jks
Uranium	6.9	ug/L		0.3		E200.8	06/18/25 00:26 / jks
METALS, TOTAL							
Antimony	ND	ug/L		1		E200.8	06/18/25 00:26 / jks
Boron	180	ug/L		50		E200.7	06/17/25 18:05 / enb
Mercury	ND	ug/L		0.1		E245.1	06/18/25 13:44 / mjb
Thallium	ND	ug/L		0.5		E200.8	06/19/25 02:57 / jks
RADIONUCLIDES - DISSOLVED							
Radium 226	0.05	pCi/L	U			E903.0	06/23/25 10:05 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	06/23/25 10:05 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	06/23/25 10:05 / eli-ca
RADIONUCLIDES - TOTAL							
Radium 226	0.01	pCi/L	U			E903.0	06/23/25 10:22 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	06/23/25 10:22 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	06/23/25 10:22 / eli-ca
Radium 228	0.3	pCi/L	U			RA-05	06/18/25 13:10 / eli-ca
Radium 228 precision (±)	0.7	pCi/L				RA-05	06/18/25 13:10 / eli-ca
Radium 228 MDC	1.2	pCi/L				RA-05	06/18/25 13:10 / eli-ca
Radium 226 + Radium 228	0.7	pCi/L	U			A7500-RA	06/24/25 12:03 / 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: B25060950-001
Client Sample ID: Outfall 001A

Revised Date: 07/10/25
Report Date: 06/30/25
Collection Date: 06/10/25 14:50
DateReceived: 06/11/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228 precision (±)	0.7	pCi/L				A7500-RA	06/24/25 12:03 / eli-ca
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	06/24/25 12:03 / eli-ca

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

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3500-Cr B									Analytical Run: SPEC3_250611B	
Lab ID: CCV		Continuing Calibration Verification Standard							06/11/25 12:44	
Chromium, Hexavalent		0.105	mg/L	0.010	105	90	110			
Method: A3500-Cr B									Batch: R443937	
Lab ID: MBLK		Method Blank				Run: SPEC3_250611B			06/11/25 12:44	
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: LCS		Laboratory Control Sample				Run: SPEC3_250611B			06/11/25 12:44	
Chromium, Hexavalent		0.107	mg/L	0.010	107	90	110			
Lab ID: B25060950-001AMS		Sample Matrix Spike				Run: SPEC3_250611B			06/11/25 12:44	
Chromium, Hexavalent		0.106	mg/L	0.010	106	80	120			
Lab ID: B25060950-001AMSD		Sample Matrix Spike Duplicate				Run: SPEC3_250611B			06/11/25 12:44	
Chromium, Hexavalent		0.105	mg/L	0.010	105	80	120	0.7	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A4500-S D**										Batch: R444083
Lab ID: **MBLK**		Method Blank				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		ND	mg/L	0.01						
Lab ID: **LCS**		Laboratory Control Sample				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		0.181	mg/L	0.040	93	85	115			
Lab ID: **B25060950-001FMS**		Sample Matrix Spike				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		0.190	mg/L	0.040	97	70	130			
Lab ID: **B25060950-001FMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		0.197	mg/L	0.040	101	70	130	4.0	20	
Lab ID: **B25060950-001FMS**		Sample Matrix Spike				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		0.374	mg/L	0.040	96	70	130			
Lab ID: **B25060950-001FMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_250613A				06/13/25 12:24
Sulfide		0.398	mg/L	0.040	102	70	130	6.3	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E300.0**									Analytical Run: IC METROHM 1_250609A	
Lab ID: **ICV**	3	Initial Calibration Verification Standard							06/09/25 12:27	
Chloride		25.3	mg/L	1.0	101	90	110			
Sulfate		102	mg/L	1.0	102	90	110			
Fluoride		1.22	mg/L	0.10	97	90	110			
Lab ID: **CCV**	3	Continuing Calibration Verification Standard							06/12/25 02:50	
Chloride		25.3	mg/L	1.0	101	90	110			
Sulfate		102	mg/L	1.0	102	90	110			
Fluoride		1.21	mg/L	0.10	97	90	110			
Method: **E300.0**									Batch: R443847	
Lab ID: **ICB**	3	Method Blank				Run: IC METROHM 1_250609A			06/09/25 12:44	
Chloride		ND	mg/L	0.1						
Sulfate		ND	mg/L	0.7						
Fluoride		ND	mg/L	0.009						
Lab ID: **LFB**	3	Laboratory Fortified Blank				Run: IC METROHM 1_250609A			06/09/25 13:00	
Chloride		25.4	mg/L	1.0	102	90	110			
Sulfate		103	mg/L	1.1	103	90	110			
Fluoride		1.30	mg/L	0.10	104	90	110			
Lab ID: **B25060921-001AMS**	3	Sample Matrix Spike				Run: IC METROHM 1_250609A			06/12/25 03:23	
Chloride		155	mg/L	1.3	103	90	110			
Sulfate		556	mg/L	5.3	105	90	110			
Fluoride		10.9	mg/L	0.10	105	90	110			
Lab ID: **B25060921-001AMSD**	3	Sample Matrix Spike Duplicate				Run: IC METROHM 1_250609A			06/12/25 03:39	
Chloride		157	mg/L	1.3	104	90	110	1.1	20	
Sulfate		560	mg/L	5.3	106	90	110	0.8	20	
Fluoride		11.0	mg/L	0.10	107	90	110	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: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01										Analytical Run: SFA-202-B_250611A
Lab ID: ICV		Initial Calibration Verification Standard								06/11/25 13:32
Cyanide, Weak Acid Dissociable		0.00922	mg/L	0.0010	92	90	110			
Lab ID: CCV		Continuing Calibration Verification Standard								06/11/25 14:34
Cyanide, Weak Acid Dissociable		0.0101	mg/L	0.0010	101	90	110			
Method: Kelada-01										Batch: R443958
Lab ID: ICB		Method Blank				Run: SFA-202-B_250611A				06/11/25 13:34
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0007						
Lab ID: LCS1-ZnCN		Laboratory Control Sample				Run: SFA-202-B_250611A				06/11/25 14:28
Cyanide, Weak Acid Dissociable		0.00991	mg/L	0.0010	99	90	110			
Lab ID: B25060858-005DMS		Sample Matrix Spike				Run: SFA-202-B_250611A				06/11/25 14:46
Cyanide, Weak Acid Dissociable		0.0105	mg/L	0.0010	105	80	120			
Lab ID: B25060858-005DMSD		Sample Matrix Spike Duplicate				Run: SFA-202-B_250611A				06/11/25 14:50
Cyanide, Weak Acid Dissociable		0.00982	mg/L	0.0010	98	80	120	6.8	10	
Lab ID: LFB		Laboratory Fortified Blank				Run: SFA-202-B_250611A				06/11/25 15:00
Cyanide, Weak Acid Dissociable		0.00954	mg/L	0.0010	95	90	110			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.7**									Analytical Run: ICP205-B_250617A	
Lab ID: **ICV**		Continuing Calibration Verification Standard								06/17/25 13:16
Boron		2.58	mg/L	0.10	103	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard								06/17/25 17:56
Boron		2.54	mg/L	0.10	102	90	110			
Method: **E200.7**										Batch: 200603
Lab ID: **MB-200603**		Method Blank				Run: ICP205-B_250617A				06/17/25 18:02
Boron		ND	mg/L	0.008						
Lab ID: **LCS3-200603**		Laboratory Control Sample				Run: ICP205-B_250617A				06/17/25 18:03
Boron		1.07	mg/L	0.10	107	85	115			
Lab ID: **B25060955-006CMS3**		Sample Matrix Spike				Run: ICP205-B_250617A				06/17/25 18:18
Boron		1.11	mg/L	0.050	106	70	130			
Lab ID: **B25060955-006CMSD3**		Sample Matrix Spike Duplicate				Run: ICP205-B_250617A				06/17/25 18:19
Boron		1.11	mg/L	0.050	106	70	130	0.2	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: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Analytical Run: ICPMS207-B_250613A
Lab ID: QCS	2	Initial Calibration Verification Standard								06/14/25 11:48
Iron		0.198	mg/L	0.020	99	90	110			
Manganese		0.200	mg/L	0.0050	100	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard								06/14/25 11:54
Iron		1.22	mg/L	0.020	94	90	110			
Manganese		0.0488	mg/L	0.0050	98	90	110			
Method: E200.8										Batch: R444116
Lab ID: LRB	2	Method Blank				Run: ICPMS207-B_250613A				06/13/25 11:56
Iron		ND	mg/L	0.001						
Manganese		ND	mg/L	0.00003						
Lab ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS207-B_250613A				06/13/25 12:14
Iron		5.04	mg/L	0.020	101	85	115			
Manganese		0.0474	mg/L	0.0050	95	85	115			
Lab ID: B25060977-001CMS	2	Sample Matrix Spike				Run: ICPMS207-B_250613A				06/14/25 13:31
Iron		4.81	mg/L	0.020	95	70	130			
Manganese		0.246	mg/L	0.0010	93	70	130			
Lab ID: B25060977-001CMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS207-B_250613A				06/14/25 13:38
Iron		4.70	mg/L	0.020	93	70	130	2.2	20	
Manganese		0.243	mg/L	0.0010	87	70	130	1.2	20	
Method: E200.8										Analytical Run: ICPMS207-B_250618A
Lab ID: QCS		Initial Calibration Verification Standard								06/19/25 00:56
Thallium		0.0415	mg/L	0.0050	104	90	110			
Lab ID: CCV		Continuing Calibration Verification Standard								06/19/25 02:20
Thallium		0.0493	mg/L	0.0050	99	90	110			
Method: E200.8										Batch: 200603
Lab ID: MB-200603		Method Blank				Run: ICPMS207-B_250618A				06/19/25 02:51
Thallium		ND	mg/L	0.0002						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Analytical Run: ICPMS208-B_250616A
Lab ID: QCS	5	Initial Calibration Verification Standard								06/17/25 20:54
Antimony		0.0411	mg/L	0.0050	103	90	110			
Arsenic		0.0385	mg/L	0.0050	96	90	110			
Chromium		0.0382	mg/L	0.010	95	90	110			
Iron		0.200	mg/L	0.020	100	90	110			
Uranium		0.0393	mg/L	0.00030	98	90	110			
Lab ID: CCV	5	Continuing Calibration Verification Standard								06/17/25 23:11
Antimony		0.0485	mg/L	0.0050	97	90	110			
Arsenic		0.0472	mg/L	0.0050	94	90	110			
Chromium		0.0464	mg/L	0.010	93	90	110			
Iron		1.25	mg/L	0.020	96	90	110			
Uranium		0.0488	mg/L	0.00030	98	90	110			
Method: E200.8										Batch: 200603
Lab ID: MB-200603	6	Method Blank				Run: ICPMS208-B_250616A				06/18/25 00:07
Antimony		ND	mg/L	0.0004						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Iron		0.007	mg/L	0.006						
Thallium		ND	mg/L	0.0003						
Uranium		ND	mg/L	0.00003						
Lab ID: LCS4-200603	6	Laboratory Control Sample				Run: ICPMS208-B_250616A				06/18/25 00:13
Antimony		0.100	mg/L	0.0050	100	85	115			
Arsenic		0.0930	mg/L	0.0010	93	85	115			
Chromium		0.0910	mg/L	0.0010	91	85	115			
Iron		0.499	mg/L	0.010	100	85	115			
Thallium		0.109	mg/L	0.0010	109	85	115			
Uranium		0.0948	mg/L	0.00030	95	85	115			
Lab ID: B25060955-008CMS4	6	Sample Matrix Spike				Run: ICPMS208-B_250616A				06/18/25 01:40
Antimony		0.101	mg/L	0.0010	101	70	130			
Arsenic		0.0989	mg/L	0.0010	96	70	130			
Chromium		0.0950	mg/L	0.0050	94	70	130			
Iron		0.605	mg/L	0.020	103	70	130			
Thallium		0.112	mg/L	0.00050	112	70	130			
Uranium		0.103	mg/L	0.00030	101	70	130			
Lab ID: B25060955-008CMSD4	6	Sample Matrix Spike Duplicate				Run: ICPMS208-B_250616A				06/18/25 01:46
Antimony		0.100	mg/L	0.0010	100	70	130	1.2	20	
Arsenic		0.0992	mg/L	0.0010	96	70	130	0.3	20	
Chromium		0.0942	mg/L	0.0050	93	70	130	0.8	20	
Iron		0.608	mg/L	0.020	104	70	130	0.5	20	
Thallium		0.115	mg/L	0.00050	115	70	130	2.4	20	
Uranium		0.104	mg/L	0.00030	102	70	130	0.7	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS209-B_250613A	
Lab ID: **QCS**	6	Initial Calibration Verification Standard							06/14/25 07:07	
Cadmium		0.0202	mg/L	0.0010	101	90	110			
Copper		0.0378	mg/L	0.010	94	90	110			
Nickel		0.0380	mg/L	0.0050	95	90	110			
Selenium		0.0392	mg/L	0.0050	98	90	110			
Silver		0.0202	mg/L	0.0050	101	90	110			
Zinc		0.0384	mg/L	0.0050	96	90	110			
Lab ID: **CCV**	6	Continuing Calibration Verification Standard							06/14/25 12:20	
Cadmium		0.0484	mg/L	0.0010	97	90	110			
Copper		0.0461	mg/L	0.010	92	90	110			
Nickel		0.0467	mg/L	0.0050	93	90	110			
Selenium		0.0476	mg/L	0.0050	95	90	110			
Silver		0.0195	mg/L	0.0050	98	90	110			
Zinc		0.0462	mg/L	0.0050	92	90	110			
Method: **E200.8**									Batch: R444130	
Lab ID: **LRB**	6	Method Blank				Run: ICPMS209-B_250613A			06/13/25 14:18	
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						
Zinc		ND	mg/L	0.001						
Lab ID: **LFB**	6	Laboratory Fortified Blank				Run: ICPMS209-B_250613A			06/13/25 14:35	
Cadmium		0.0461	mg/L	0.0010	92	85	115			
Copper		0.0451	mg/L	0.010	90	85	115			
Nickel		0.0455	mg/L	0.0050	91	85	115			
Selenium		0.0454	mg/L	0.0050	91	85	115			
Silver		0.0188	mg/L	0.0050	94	85	115			
Zinc		0.0458	mg/L	0.0050	92	85	115			
Lab ID: **B25052422-004BMS**	6	Sample Matrix Spike				Run: ICPMS209-B_250613A			06/13/25 15:36	
Cadmium		0.232	mg/L	0.0010	93	70	130			
Copper		0.230	mg/L	0.0050	92	70	130			
Nickel		0.228	mg/L	0.0050	91	70	130			
Selenium		0.234	mg/L	0.0010	94	70	130			
Silver		0.0957	mg/L	0.0010	96	70	130			
Zinc		0.235	mg/L	0.010	89	70	130			
Lab ID: **B25052422-004BMSD**	6	Sample Matrix Spike Duplicate				Run: ICPMS209-B_250613A			06/13/25 15:41	
Cadmium		0.235	mg/L	0.0010	94	70	130	1.1	20	
Copper		0.230	mg/L	0.0050	92	70	130	0.3	20	
Nickel		0.231	mg/L	0.0050	92	70	130	1.1	20	
Selenium		0.236	mg/L	0.0010	94	70	130	0.5	20	
Silver		0.0955	mg/L	0.0010	95	70	130	0.2	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: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**										Batch: R444130
Lab ID: **B25052422-004BMSD**	6	Sample Matrix Spike Duplicate				Run: ICPMS209-B_250613A				06/13/25 15:41
Zinc		0.231	mg/L	0.010	88	70	130	1.4	20	
Lab ID: **MB-200517**	6	Method Blank				Run: ICPMS209-B_250613A				06/14/25 13:00
Cadmium		ND	mg/L	7E-6						
Copper		0.0003	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						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060950 **Report Date:** 06/19/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E245.1**										Analytical Run: HGCV205-B_250618A
Lab ID: **ICV-200540**		Initial Calibration Verification Standard								06/18/25 10:55
Mercury		0.00205	mg/L	0.00010	103	90	110			
Lab ID: **CCV1**		Continuing Calibration Verification Standard								06/18/25 11:00
Mercury		0.00245	mg/L	0.00010	98	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard								06/18/25 13:41
Mercury		0.00228	mg/L	0.00010	91	90	110			
Method: **E245.1**										Batch: 200668
Lab ID: **MB-200668**		Method Blank				Run: HGCV205-B_250618A				06/18/25 13:29
Mercury		ND	mg/L	0.00006						
Lab ID: **LCS-200668**		Laboratory Control Sample				Run: HGCV205-B_250618A				06/18/25 13:31
Mercury		0.00190	mg/L	0.00010	95	85	115			
Lab ID: **B25060859-002GMS**		Sample Matrix Spike				Run: HGCV205-B_250618A				06/18/25 13:35
Mercury		0.00191	mg/L	0.00010	95	70	130			
Lab ID: **B25060859-002GMSD**		Sample Matrix Spike Duplicate				Run: HGCV205-B_250618A				06/18/25 13:37
Mercury		0.00189	mg/L	0.00010	94	70	130	1.1	30	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25060950 **Report Date:** 06/30/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-11707
Lab ID: LCS-RA226-11707	3	Laboratory Control Sample				Run: TENNELEC-4_250613D				06/23/25 10:05
Radium 226		10	pCi/L		103	70	130			
Radium 226 precision (±)		1.7	pCi/L							
Radium 226 MDC		0.17	pCi/L							
Lab ID: MB-RA226-11707	3	Method Blank				Run: TENNELEC-4_250613D				06/23/25 10:05
Radium 226		0.03	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25060231-004EDUP	3	Sample Duplicate				Run: TENNELEC-4_250613D				06/23/25 10:05
Radium 226		0.032	pCi/L					64	30	UR
Radium 226 precision (±)		0.099	pCi/L							
Radium 226 MDC		0.16	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 0.20.

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: B25060950 **Report Date:** 06/30/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-7673
Lab ID: LCS-228-RA228-7673	3	Laboratory Control Sample				Run: TENNELEC-4_250613B				06/18/25 13:10
Radium 228		9.2	pCi/L		99	70	130			
Radium 228 precision (±)		2.4	pCi/L							
Radium 228 MDC		0.90	pCi/L							
Lab ID: MB-228-RA228-7673	3	Method Blank				Run: TENNELEC-4_250613B				06/18/25 13:10
Radium 228		-0.4	pCi/L							U
Radium 228 precision (±)		0.5	pCi/L							
Radium 228 MDC		0.9	pCi/L							
Lab ID: B25060950-001HDUP	3	Sample Duplicate				Run: TENNELEC-4_250613B				06/18/25 13:10
Radium 228		0.40	pCi/L					36	30	UR
Radium 228 precision (±)		0.72	pCi/L							
Radium 228 MDC		1.2	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 0.12.

Qualifiers:

RL - Analyte Reporting Limit
R - Relative Percent Difference (RPD) exceeds advisory limit
ND - Not detected at the Reporting Limit (RL)
U - Not detected

Work Order Receipt Checklist

Linkan Engineering

B25060950

Login completed by:	Crystal M. Jones	Date Received:	6/11/2025
Reviewed by:	ysmith	Received by:	NLA
Reviewed Date:	6/12/2025	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:	8.6°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 B25060950

pH < 2.

The bottle order attached to the chain of custody indicates total suspended solids and chemical oxygen demand analyses. These are not needed per phone conversation with Chris Prosper on 06/12/25. CMJ 06/12/25

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	93742

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 Acuedo | 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	6/10/25	1450	8	W										●		B25060980
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 Acuedo	6/10/25 1525				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Tasha Anthony	06/11/25 1000	

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 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		H2SO4		1
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 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

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

July 14, 2025

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

Work Order: B25061882 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 6/20/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25061882-001	Outfall 001A	06/19/25 14:40	06/20/25	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: B25061882

Report Date: 07/14/25

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: B25061882-001
Client Sample ID: Outfall 001A

Report Date: 07/14/25
Collection Date: 06/19/25 14:40
DateReceived: 06/20/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Chloride	0.6	mg/L	J	1		E300.0	06/22/25 00:38 / caa
Sulfate	2	mg/L		1		E300.0	06/22/25 00:38 / caa
Fluoride	ND	mg/L		0.1		E300.0	06/22/25 00:38 / caa
Cyanide, Weak Acid Dissociable	ND	ug/L		1		Kelada-01	06/20/25 13:42 / fap
Sulfide	ND	mg/L		0.04		A4500-S D	06/20/25 16:21 / pmw
METALS, DISSOLVED							
Chromium, Hexavalent	ND	ug/L		10		A3500-Cr B	06/20/25 12:12 / jks
Iron	6	ug/L	J	20		E200.8	06/24/25 02:28 / aem
Manganese	0.3	ug/L	J	1		E200.8	06/24/25 02:28 / aem
METALS, POTENTIALLY DISSOLVED							
Cadmium	ND	ug/L		1		E200.8	06/27/25 03:11 / aem
Copper	0.1	ug/L	JL	0.5		E200.8	06/29/25 04:29 / jks
Nickel	0.08	ug/L	J	5		E200.8	06/27/25 03:11 / aem
Selenium	0.1	ug/L	J	1		E200.8	06/29/25 04:29 / jks
Silver	ND	ug/L	L	0.04		E200.8	06/27/25 03:11 / aem
Zinc	ND	ug/L		10		E200.8	06/28/25 09:09 / jks
METALS, TOTAL RECOVERABLE							
Arsenic	10	ug/L		1		E200.8	06/27/25 00:13 / aem
Chromium	ND	ug/L		5		E200.8	06/27/25 17:55 / jks
Chromium, Trivalent	ND	ug/L		10		Calculation	07/01/25 08:42 / bap
Iron	20	ug/L	J	20		E200.8	06/27/25 00:13 / aem
Uranium	6.8	ug/L		0.3		E200.8	06/27/25 17:55 / jks
METALS, TOTAL							
Antimony	ND	ug/L		1		E200.8	06/27/25 00:13 / aem
Boron	170	ug/L		50		E200.7	06/25/25 18:31 / enb
Mercury	ND	ug/L		0.1		E245.1	06/24/25 14:11 / mjb
Thallium	ND	ug/L		0.5		E200.8	06/27/25 17:55 / jks
RADIONUCLIDES - DISSOLVED							
Radium 226	0.03	pCi/L	U			E903.0	06/30/25 16:24 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	06/30/25 16:24 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	06/30/25 16:24 / eli-ca
RADIONUCLIDES - TOTAL							
Radium 226	0.1	pCi/L	U			E903.0	07/08/25 14:55 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	07/08/25 14:55 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	07/08/25 14:55 / eli-ca
Radium 228	0.7	pCi/L	U			RA-05	07/03/25 12:32 / eli-ca
Radium 228 precision (±)	0.7	pCi/L				RA-05	07/03/25 12:32 / eli-ca
Radium 228 MDC	1.2	pCi/L				RA-05	07/03/25 12:32 / eli-ca
Radium 226 + Radium 228	0.7	pCi/L	U			A7500-RA	07/11/25 13:24 / eli-ca

Report Definitions:

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25061882-001
Client Sample ID: Outfall 001A

Report Date: 07/14/25
Collection Date: 06/19/25 14:40
DateReceived: 06/20/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Radium 226 + Radium 228 precision (±)	0.8	pCi/L				A7500-RA	07/11/25 13:24 / eli-ca
Radium 226 + Radium 228 MDC	1.2	pCi/L				A7500-RA	07/11/25 13:24 / eli-ca

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

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3500-Cr B									Analytical Run: SPEC3_250620A	
Lab ID: CCV		Continuing Calibration Verification Standard								06/20/25 12:12
Chromium, Hexavalent		0.104	mg/L	0.010	104	90	110			
Method: A3500-Cr B										Batch: R444502
Lab ID: MBLK		Method Blank				Run: SPEC3_250620A				06/20/25 12:12
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: LCS		Laboratory Control Sample				Run: SPEC3_250620A				06/20/25 12:12
Chromium, Hexavalent		0.101	mg/L	0.010	101	90	110			
Lab ID: B25061882-001AMS		Sample Matrix Spike				Run: SPEC3_250620A				06/20/25 12:12
Chromium, Hexavalent		0.106	mg/L	0.010	106	80	120			
Lab ID: B25061882-001AMSD		Sample Matrix Spike Duplicate				Run: SPEC3_250620A				06/20/25 12:12
Chromium, Hexavalent		0.102	mg/L	0.010	102	80	120			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A4500-S D**									Analytical Run: SPEC3_250620C	
Lab ID: **CCV**		Continuing Calibration Verification Standard							06/20/25 16:21	
Sulfide		0.498	mg/L	0.040	100	90	110			
Method: **A4500-S D**									Batch: R444568	
Lab ID: **MBLK**		Method Blank				Run: SPEC3_250620C			06/20/25 16:21	
Sulfide		ND	mg/L	0.01						
Lab ID: **LCS**		Laboratory Control Sample				Run: SPEC3_250620C			06/20/25 16:21	
Sulfide		0.204	mg/L	0.040	106	85	115			
Lab ID: **B25061768-001DMS**		Sample Matrix Spike				Run: SPEC3_250620C			06/20/25 16:21	
Sulfide		0.197	mg/L	0.040	103	70	130			
Lab ID: **B25061768-001DMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_250620C			06/20/25 16:21	
Sulfide		0.196	mg/L	0.040	102	70	130	0.2	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E300.0**									Analytical Run: IC METROHM 1_250619A	
Lab ID: **ICV**	3	Initial Calibration Verification Standard							06/19/25 11:38	
Chloride		25.3	mg/L	1.0	101	90	110			
Sulfate		104	mg/L	1.0	104	90	110			
Fluoride		1.23	mg/L	0.10	99	90	110			
Lab ID: **CCV**	3	Continuing Calibration Verification Standard							06/21/25 22:10	
Chloride		25.7	mg/L	1.0	103	90	110			
Sulfate		104	mg/L	1.0	104	90	110			
Fluoride		1.25	mg/L	0.10	100	90	110			
Method: **E300.0**									Batch: R444488	
Lab ID: **ICB**	3	Method Blank				Run: IC METROHM 1_250619A			06/19/25 11:55	
Chloride		ND	mg/L	0.1						
Sulfate		ND	mg/L	0.5						
Fluoride		ND	mg/L	0.01						
Lab ID: **LFB**	3	Laboratory Fortified Blank				Run: IC METROHM 1_250619A			06/19/25 12:11	
Chloride		24.8	mg/L	1.0	99	90	110			
Sulfate		103	mg/L	1.1	103	90	110			
Fluoride		1.28	mg/L	0.10	102	90	110			
Lab ID: **B25061873-002AMS**	3	Sample Matrix Spike				Run: IC METROHM 1_250619A			06/21/25 22:59	
Chloride		29.9	mg/L	1.0	104	90	110			
Sulfate		184	mg/L	1.1	103	90	110			
Fluoride		1.43	mg/L	0.10	102	90	110			
Lab ID: **B25061873-002AMSD**	3	Sample Matrix Spike Duplicate				Run: IC METROHM 1_250619A			06/21/25 23:16	
Chloride		30.4	mg/L	1.0	106	90	110	1.4	20	
Sulfate		187	mg/L	1.1	106	90	110	1.5	20	
Fluoride		1.46	mg/L	0.10	104	90	110	1.8	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01										Analytical Run: SFA-202-B_250620A
Lab ID: ICV		Initial Calibration Verification Standard								06/20/25 11:54
Cyanide, Weak Acid Dissociable		0.00966	mg/L	0.0010	97	90	110			
Lab ID: CCV		Continuing Calibration Verification Standard								06/20/25 12:50
Cyanide, Weak Acid Dissociable		0.0109	mg/L	0.0010	109	90	110			
Method: Kelada-01										Batch: R444536
Lab ID: ICB		Method Blank				Run: SFA-202-B_250620A				06/20/25 11:56
Cyanide, Weak Acid Dissociable		ND	mg/L	0.0007						
Lab ID: LCS1-ZnCN		Laboratory Control Sample				Run: SFA-202-B_250620A				06/20/25 12:00
Cyanide, Weak Acid Dissociable		0.0107	mg/L	0.0010	107	90	110			
Lab ID: B25061579-001GMS		Sample Matrix Spike				Run: SFA-202-B_250620A				06/20/25 12:18
Cyanide, Weak Acid Dissociable		0.0104	mg/L	0.0010	104	80	120			
Lab ID: B25061579-001GMSD		Sample Matrix Spike Duplicate				Run: SFA-202-B_250620A				06/20/25 12:22
Cyanide, Weak Acid Dissociable		0.0109	mg/L	0.0010	109	80	120	4.2	10	
Lab ID: LFB		Laboratory Fortified Blank				Run: SFA-202-B_250620A				06/20/25 12:44
Cyanide, Weak Acid Dissociable		0.0110	mg/L	0.0010	110	90	110			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.7**									Analytical Run: ICP205-B_250625B	
Lab ID: **ICV**		Continuing Calibration Verification Standard								06/25/25 13:49
Boron		2.55	mg/L	0.10	102	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard								06/25/25 18:29
Boron		2.56	mg/L	0.10	102	90	110			
Method: **E200.7**										Batch: 200879
Lab ID: **MB-200879**		Method Blank				Run: ICP205-B_250625B				06/25/25 18:07
Boron		ND	mg/L	0.008						
Lab ID: **LCS3-200879**		Laboratory Control Sample				Run: ICP205-B_250625B				06/25/25 18:08
Boron		1.07	mg/L	0.10	107	85	115			
Lab ID: **B25061876-001DMS3**		Sample Matrix Spike				Run: ICP205-B_250625B				06/25/25 18:25
Boron		1.12	mg/L	0.050	112	70	130			
Lab ID: **B25061876-001DMSD3**		Sample Matrix Spike Duplicate				Run: ICP205-B_250625B				06/25/25 18:26
Boron		1.08	mg/L	0.050	108	70	130	4.2	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**									Analytical Run: ICPMS207-B_250627A	
Lab ID: **QCS**	3	Initial Calibration Verification Standard								06/28/25 03:30
Copper		0.0388	mg/L	0.010	97	90	110			
Selenium		0.0402	mg/L	0.0050	100	90	110			
Zinc		0.0391	mg/L	0.0050	98	90	110			
Lab ID: **CCV**	3	Continuing Calibration Verification Standard								06/28/25 08:11
Copper		0.0474	mg/L	0.010	95	90	110			
Selenium		0.0500	mg/L	0.0050	100	90	110			
Zinc		0.0475	mg/L	0.0050	95	90	110			
Lab ID: **QCS**	3	Initial Calibration Verification Standard								06/29/25 02:03
Copper		0.0398	mg/L	0.010	99	90	110			
Selenium		0.0397	mg/L	0.0050	99	90	110			
Zinc		0.0392	mg/L	0.0050	98	90	110			
Lab ID: **CCV**	3	Continuing Calibration Verification Standard								06/29/25 03:43
Copper		0.0475	mg/L	0.010	95	90	110			
Selenium		0.0488	mg/L	0.0050	97	90	110			
Zinc		0.0482	mg/L	0.0050	96	90	110			
Method: **E200.8**										Batch: R444978
Lab ID: **LRB**	3	Method Blank				Run: ICPMS207-B_250627A				06/27/25 11:19
Copper		ND	mg/L	0.00005						
Selenium		ND	mg/L	0.00003						
Zinc		ND	mg/L	0.001						
Lab ID: **LFB**	3	Laboratory Fortified Blank				Run: ICPMS207-B_250627A				06/27/25 11:36
Copper		0.0455	mg/L	0.010	91	85	115			
Selenium		0.0477	mg/L	0.0050	95	85	115			
Zinc		0.0470	mg/L	0.0050	94	85	115			
Lab ID: **MB-200823**	3	Method Blank				Run: ICPMS207-B_250627A				06/28/25 08:52
Copper		0.0001	mg/L	0.00005						
Selenium		ND	mg/L	0.00003						
Zinc		0.001	mg/L	0.001						
Lab ID: **B25062399-006BMS**	3	Sample Matrix Spike				Run: ICPMS207-B_250627A				06/28/25 14:56
Copper		0.0458	mg/L	0.0050	88	70	130			
Selenium		0.0468	mg/L	0.0010	93	70	130			
Zinc		0.0471	mg/L	0.010	91	70	130			
Lab ID: **B25062399-006BMSD**	3	Sample Matrix Spike Duplicate				Run: ICPMS207-B_250627A				06/28/25 15:14
Copper		0.0445	mg/L	0.0050	86	70	130	2.9	20	
Selenium		0.0466	mg/L	0.0010	92	70	130	0.4	20	
Zinc		0.0460	mg/L	0.010	88	70	130	2.5	20	
Lab ID: **MB-200823**	3	Method Blank				Run: ICPMS207-B_250627A				06/29/25 04:24
Copper		0.0003	mg/L	0.00005						
Selenium		0.00006	mg/L	0.00003						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E200.8**										Batch: R444978
Lab ID: **MB-200823**	3	Method Blank				Run: ICPMS207-B_250627A				06/29/25 04:24
Zinc		ND	mg/L	0.001						
Lab ID: **B25061189-001BMS**	3	Sample Matrix Spike				Run: ICPMS207-B_250627A				06/29/25 08:46
Copper		0.224	mg/L	0.0050	89	70	130			
Selenium		0.734	mg/L	0.0010	100	70	130			
Zinc		0.537	mg/L	0.010	89	70	130			
Lab ID: **B25061189-001BMSD**	3	Sample Matrix Spike Duplicate				Run: ICPMS207-B_250627A				06/29/25 08:52
Copper		0.231	mg/L	0.0050	92	70	130	2.8	20	
Selenium		0.743	mg/L	0.0010	99	70	130	1.2	20	
Zinc		0.534	mg/L	0.010	85	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS208-B_250625B	
Lab ID: QCS	3	Initial Calibration Verification Standard							06/26/25 18:52	
Antimony		0.0414	mg/L	0.0050	104	90	110			
Arsenic		0.0377	mg/L	0.0050	94	90	110			
Iron		0.199	mg/L	0.020	100	90	110			
Lab ID: CCV	3	Continuing Calibration Verification Standard							06/26/25 23:02	
Antimony		0.0500	mg/L	0.0050	100	90	110			
Arsenic		0.0462	mg/L	0.0050	92	90	110			
Iron		1.18	mg/L	0.020	90	90	110			
Method: E200.8									Batch: 200879	
Lab ID: MB-200879	6	Method Blank				Run: ICPMS208-B_250625B			06/26/25 19:28	
Antimony		ND	mg/L	0.0004						
Arsenic		ND	mg/L	0.0002						
Chromium		ND	mg/L	0.0005						
Iron		ND	mg/L	0.006						
Thallium		ND	mg/L	0.0003						
Uranium		ND	mg/L	0.00003						
Lab ID: LCS4-200879	6	Laboratory Control Sample				Run: ICPMS208-B_250625B			06/26/25 19:46	
Antimony		0.101	mg/L	0.0050	101	85	115			
Arsenic		0.0923	mg/L	0.0010	92	85	115			
Chromium		0.0900	mg/L	0.0010	90	85	115			
Iron		0.494	mg/L	0.010	99	85	115			
Thallium		0.109	mg/L	0.0010	109	85	115			
Uranium		0.101	mg/L	0.00030	101	85	115			
Lab ID: B25061875-001EMS4	6	Sample Matrix Spike				Run: ICPMS208-B_250625B			06/26/25 23:43	
Antimony		0.102	mg/L	0.0010	102	70	130			
Arsenic		0.127	mg/L	0.0010	98	70	130			
Chromium		0.0931	mg/L	0.0050	93	70	130			
Iron		10.9	mg/L	0.020		70	130			A
Thallium		0.105	mg/L	0.0010	105	70	130			
Uranium		24.0	mg/L	0.00030		70	130			A
Lab ID: B25061875-001EMSD4	6	Sample Matrix Spike Duplicate				Run: ICPMS208-B_250625B			06/26/25 23:49	
Antimony		0.0996	mg/L	0.0010	100	70	130	2.4	20	
Arsenic		0.122	mg/L	0.0010	93	70	130	4.2	20	
Chromium		0.0890	mg/L	0.0050	89	70	130	4.6	20	
Iron		10.9	mg/L	0.020		70	130	0.1	20	A
Thallium		0.103	mg/L	0.0010	103	70	130	2.2	20	
Uranium		23.1	mg/L	0.00030		70	130	4.0	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS209-B_250623A	
Lab ID: QCS	2	Initial Calibration Verification Standard							06/23/25 20:02	
Iron		0.200	mg/L	0.020	100	90	110			
Manganese		0.195	mg/L	0.0050	97	90	110			
Lab ID: CCV	2	Continuing Calibration Verification Standard							06/24/25 02:11	
Iron		1.26	mg/L	0.020	97	90	110			
Manganese		0.0480	mg/L	0.0050	96	90	110			
Method: E200.8									Batch: R444636	
Lab ID: LRB	2	Method Blank				Run: ICPMS209-B_250623A			06/23/25 11:40	
Iron		ND	mg/L	0.001						
Manganese		ND	mg/L	0.00007						
Lab ID: LFB	2	Laboratory Fortified Blank				Run: ICPMS209-B_250623A			06/23/25 20:29	
Iron		4.76	mg/L	0.020	95	85	115			
Manganese		0.0452	mg/L	0.0050	90	85	115			
Lab ID: B25061815-001AMS	2	Sample Matrix Spike				Run: ICPMS209-B_250623A			06/24/25 01:28	
Iron		4.97	mg/L	0.020	99	70	130			
Manganese		0.0505	mg/L	0.0010	92	70	130			
Lab ID: B25061815-001AMSD	2	Sample Matrix Spike Duplicate				Run: ICPMS209-B_250623A			06/24/25 01:33	
Iron		4.90	mg/L	0.020	98	70	130	1.4	20	
Manganese		0.0487	mg/L	0.0010	88	70	130	3.6	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: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS209-B_250625B	
Lab ID: QCS	3	Initial Calibration Verification Standard								06/26/25 23:47
Cadmium		0.0198	mg/L	0.0010	99	90	110			
Nickel		0.0384	mg/L	0.0050	96	90	110			
Silver		0.0201	mg/L	0.0050	100	90	110			
Lab ID: CCV	3	Continuing Calibration Verification Standard								06/27/25 02:26
Cadmium		0.0468	mg/L	0.0010	94	90	110			
Nickel		0.0453	mg/L	0.0050	91	90	110			
Silver		0.0192	mg/L	0.0050	96	90	110			
Method: E200.8										Batch: R444817
Lab ID: LRB	3	Method Blank				Run: ICPMS209-B_250625B				06/25/25 14:02
Cadmium		0.00001	mg/L	9E-6						
Nickel		ND	mg/L	0.00006						
Silver		5E-6	mg/L	3E-6						
Lab ID: LFB	3	Laboratory Fortified Blank				Run: ICPMS209-B_250625B				06/25/25 14:19
Cadmium		0.0466	mg/L	0.0010	93	85	115			
Nickel		0.0451	mg/L	0.0050	90	85	115			
Silver		0.0188	mg/L	0.0050	94	85	115			
Lab ID: MB-200823	3	Method Blank				Run: ICPMS209-B_250625B				06/27/25 02:21
Cadmium		8E-6	mg/L	7E-6						
Nickel		0.0002	mg/L	0.00006						
Silver		ND	mg/L	5E-6						
Lab ID: B25061882-001DMS	3	Sample Matrix Spike				Run: ICPMS209-B_250625B				06/27/25 03:16
Cadmium		0.0452	mg/L	0.0010	90	70	130			
Nickel		0.0432	mg/L	0.0050	86	70	130			
Silver		0.0182	mg/L	0.0010	91	70	130			
Lab ID: B25061882-001DMSD	3	Sample Matrix Spike Duplicate				Run: ICPMS209-B_250625B				06/27/25 03:22
Cadmium		0.0470	mg/L	0.0010	94	70	130	4.0	20	
Nickel		0.0440	mg/L	0.0050	88	70	130	1.8	20	
Silver		0.0190	mg/L	0.0010	95	70	130	4.3	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Analytical Run: ICPMS209-B_250627A	
Lab ID: QCS	3	Initial Calibration Verification Standard								06/27/25 13:39
Chromium		0.0400	mg/L	0.010	100	90	110			
Thallium		0.0419	mg/L	0.0050	105	90	110			
Uranium		0.0433	mg/L	0.00030	108	90	110			
Lab ID: CCV	3	Continuing Calibration Verification Standard								06/27/25 17:22
Chromium		0.0491	mg/L	0.010	98	90	110			
Thallium		0.0488	mg/L	0.0050	97	90	110			
Uranium		0.0514	mg/L	0.00030	103	90	110			
Method: E200.8										Batch: 200879
Lab ID: MB-200879	3	Method Blank				Run: ICPMS209-B_250627A				06/27/25 16:50
Chromium		ND	mg/L	0.0003						
Thallium		ND	mg/L	0.00008						
Uranium		ND	mg/L	0.00001						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061882 **Report Date:** 07/01/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E245.1**										Analytical Run: HGCV203-B_250624A
Lab ID: **ICV-200839**		Initial Calibration Verification Standard								06/24/25 12:51
Mercury		0.00201	mg/L	0.00010	101	90	110			
Lab ID: **CCV1**		Continuing Calibration Verification Standard								06/24/25 12:54
Mercury		0.00250	mg/L	0.00010	100	95	105			
Lab ID: **CCV**		Continuing Calibration Verification Standard								06/24/25 14:07
Mercury		0.00251	mg/L	0.00010	100	90	110			
Method: **E245.1**										Batch: 200857
Lab ID: **MB-200857**		Method Blank				Run: HGCV203-B_250624A				06/24/25 13:38
Mercury		ND	mg/L	0.00006						
Lab ID: **LCS-200857**		Laboratory Control Sample				Run: HGCV203-B_250624A				06/24/25 13:40
Mercury		0.00207	mg/L	0.00010	104	85	115			
Lab ID: **B25061934-001BMS**		Sample Matrix Spike				Run: HGCV203-B_250624A				06/24/25 14:15
Mercury		0.00201	mg/L	0.00010	100	70	130			
Lab ID: **B25061934-001BMSD**		Sample Matrix Spike Duplicate				Run: HGCV203-B_250624A				06/24/25 14:16
Mercury		0.00217	mg/L	0.00010	109	70	130	7.8	30	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: B25061882 **Report Date:** 07/11/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0										Batch: RA226-11718
Lab ID: LCS-RA226-11718	3	Laboratory Control Sample				Run: TENNELEC-4_250624A				06/30/25 14:01
Radium 226		12	pCi/L		118	70	130			
Radium 226 precision (±)		1.9	pCi/L							
Radium 226 MDC		0.24	pCi/L							
Lab ID: MB-RA226-11718	3	Method Blank				Run: TENNELEC-4_250624A				06/30/25 14:01
Radium 226		0.03	pCi/L							U
Radium 226 precision (±)		0.2	pCi/L							
Radium 226 MDC		0.3	pCi/L							
Lab ID: C25060318-005DDUP	3	Sample Duplicate				Run: TENNELEC-4_250624A				06/30/25 14:01
Radium 226		90	pCi/L					3.3	30	
Radium 226 precision (±)		14	pCi/L							
Radium 226 MDC		0.26	pCi/L							
- The RER result is 0.15.										
Method: E903.0										Batch: RA226-11723
Lab ID: LCS-RA226-11723	3	Laboratory Control Sample				Run: TENNELEC-4_250630C				07/08/25 10:04
Radium 226		9.3	pCi/L		93	70	130			
Radium 226 precision (±)		1.5	pCi/L							
Radium 226 MDC		0.17	pCi/L							
Lab ID: MB-RA226-11723	3	Method Blank				Run: TENNELEC-4_250630C				07/08/25 10:04
Radium 226		0.1	pCi/L							U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: B25061882-001HDUP	3	Sample Duplicate				Run: TENNELEC-4_250630C				07/08/25 14:55
Radium 226		0.012	pCi/L					170	30	UR
Radium 226 precision (±)		0.11	pCi/L							
Radium 226 MDC		0.19	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 0.70.										

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: B25061882 **Report Date:** 07/11/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05										Batch: RA228-7691
Lab ID: LCS-228-RA226-11723	3	Laboratory Control Sample				Run: TENNELEC-4_250630A				07/03/25 12:32
Radium 228		10	pCi/L		112	70	130			
Radium 228 precision (±)		2.7	pCi/L							
Radium 228 MDC		1.1	pCi/L							
Lab ID: MB-RA226-11723	3	Method Blank				Run: TENNELEC-4_250630A				07/03/25 12:32
Radium 228		0.4	pCi/L							U
Radium 228 precision (±)		0.6	pCi/L							
Radium 228 MDC		1	pCi/L							
Lab ID: B25061882-001HDUP	3	Sample Duplicate				Run: TENNELEC-4_250630A				07/03/25 12:32
Radium 228		0.31	pCi/L					81	30	UR
Radium 228 precision (±)		0.64	pCi/L							
Radium 228 MDC		1.0	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 0.43.

Qualifiers:

RL - Analyte Reporting Limit
R - Relative Percent Difference (RPD) exceeds advisory limit
ND - Not detected at the Reporting Limit (RL)
U - Not detected

Work Order Receipt Checklist

Linkan Engineering

B25061882

Login completed by: Crystal M. Jones
Date Received: 6/20/2025
Reviewed by: cindy
Received by: NLA
Reviewed Date: 6/21/2025
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:	4.6°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 B25061882

pH < 2. CMJ 06/20/25

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	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 - 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 720-256-6169

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	6/19/25	1440	8	W										●		B25061882
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	6/19/25 1535				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Tasha Anthony	6/20/25 1025	

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 HACH 8000	Chemical Oxygen Demand Preparation for COD testing HACH 8000		H2SO4		1
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 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

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

June 19, 2025

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

Work Order: B25060769 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 6/9/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25060769-001	Outfall 001A	06/05/25 13:22	06/09/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000
B25060769-002	Outfall 001A	06/05/25 13:22	06/09/25	Aqueous	Solids, Total Suspended
B25060769-003	Outfall 001A	06/06/25 14:04	06/09/25	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.

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine
Work Order: B25060769

Revised Date: 06/19/25
Report Date: 06/17/25

CASE NARRATIVE

"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.

Revised Date: 6/19/2025

Revised Sample(s): Outfall 001A (B25060769-001)

On 6/19/25 a request was received from Chris Prosper at Linkan Engineering to revise this workorder by updating the following:

Project ID changed from Not Indicated to Schwartzwalder Mine

B25060769-001 sample ID changed from COD Outfall to Outfall 001A
B25060769-002 sample ID changed from TSS Outfall-1 to Outfall 001A
B25060769-003 sample ID changed from TSS Outfall-2 to Outfall 001A.
The collection time for B25060769-001 and B25060769-002 has been updated from 07:22 to 13:22.
The collection date for B25060769-003 has been updated from 06/05/25 to 06/06/25 (indicated on the COC).

The report has been revised and replaces the previously issued report dated 6/17/2025 in its entirety.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25060769-001
Client Sample ID: Outfall 001A

Revised Date: 06/19/25
Report Date: 06/17/25
Collection Date: 06/05/25 13:22
DateReceived: 06/09/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	06/11/25 12:54 / jaw

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: B25060769-002
Client Sample ID: Outfall 001A

Revised Date: 06/19/25
Report Date: 06/17/25
Collection Date: 06/05/25 13:22
DateReceived: 06/09/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.8	mg/L	J	10		A2540 D	06/09/25 13:35 / pjw

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: B25060769-003
Client Sample ID: Outfall 001A

Revised Date: 06/19/25
Report Date: 06/17/25
Collection Date: 06/06/25 14:04
DateReceived: 06/09/25
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	06/09/25 13:35 / pjw

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: B25060769 **Report Date:** 06/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D										Batch: TSS20250609A
Lab ID: MBLK_20250609-2		Method Blank				Run: BAL #30_250609A				06/09/25 09:43
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20250609-2		Laboratory Control Sample				Run: BAL #30_250609A				06/09/25 09:43
Solids, Total Suspended TSS @ 105 C		105	mg/L	25	105	80	120			
Lab ID: B25060753-001BDUP		Sample Duplicate				Run: BAL #30_250609A				06/09/25 13:35
Solids, Total Suspended TSS @ 105 C		46.4	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: B25060769 **Report Date:** 06/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E410.4**										Batch: 200493
Lab ID: **MB-200493**		Method Blank				Run: SPEC3_250611C				06/11/25 12:54
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: **LCS-200493**		Laboratory Control Sample				Run: SPEC3_250611C				06/11/25 12:54
Oxygen Demand, Chemical (COD)		23.8	mg/L	5.0	97	90	110			
Lab ID: **B25060789-001DMS**		Sample Matrix Spike				Run: SPEC3_250611C				06/11/25 12:54
Oxygen Demand, Chemical (COD)		139	mg/L	10	98	90	110			
Lab ID: **B25060789-001DMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_250611C				06/11/25 12:54
Oxygen Demand, Chemical (COD)		140	mg/L	10	100	90	110	0.7	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25060769

Login completed by:	Natasha L. Anthony	Date Received:	6/9/2025
Reviewed by:	cjones	Received by:	EAH
Reviewed Date:	6/16/2025	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:	13.9°C Blue Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Standard Reporting Procedures:

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

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

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

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

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

Contact and Corrective Action Comments:

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

Page _____ of _____

Account Information (Billing information)

Company/Name	~~Ken~~ 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	17287
Bottle Order	187916

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	
Receive Report	☐Hard Copy ☑Email
Special Report/Formats:	☐ LEVEL IV ☐NELAC ☑ EDD/EDT (contact laboratory) ☐ Other_____

Comments

TSS COD - Weekly samples
Please email Report and EDD results to:
chris.prosper@linkan.com
alex.schwiebert@linkan.com
peter.hayes@state.co.us

Project Information

Project Name, PWSID, Permit, etc.	
Sampler Name	Sampler Phone
Sample Origin State	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	See Attached	RUSH TAT	ELI LAB ID (Laboratory Use Only)
1	COD - Outfall	06/05/25	01:22 pm	1	W	COD			B25060069
2	TSS - Outfall - 1	06/05/25	01:22 pm	1	W	TSS			
3	TSS - Outfall - 3	06/05/25	02:04 pm	1	W	TSS			
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
	Alexander Schwiebert	06/06/2025				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Elizabeth Lolton	06/09/25 1040	

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.

ELI-COC-01/21 v.4

ANALYTICAL SUMMARY REPORT

June 23, 2025

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

Work Order: B25061225 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 2 samples for Linkan Engineering on 6/12/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25061225-001	Outfall 001A	06/09/25 14:16	06/12/25	Aqueous	Solids, Total Suspended
B25061225-002	Outfall 001A	06/11/25 14:50	06/12/25	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: B25061225-001
Client Sample ID: Outfall 001A

Report Date: 06/23/25
Collection Date: 06/09/25 14:16
DateReceived: 06/12/25
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	06/13/25 09:44 / 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: B25061225-002
Client Sample ID: Outfall 001A

Report Date: 06/23/25
Collection Date: 06/11/25 14:50
DateReceived: 06/12/25
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	06/13/25 09:44 / pjw
Solids, Total Dissolved TDS @ 180 C	92	mg/L		20		A2540 C	06/13/25 14:10 / etv
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	06/13/25 15:12 / 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: B25061225 **Report Date:** 06/23/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C										Batch: TDS20250613C
Lab ID: MBLK_20250613-6		Method Blank				Run: Bal #30_250613D				06/13/25 14:09
Solids, Total Dissolved TDS @ 180 C		ND	mg/L	20						
Lab ID: LCS_20250613-4		Laboratory Control Sample				Run: Bal #30_250613D				06/13/25 14:09
Solids, Total Dissolved TDS @ 180 C		929	mg/L	25	93	90	110			
Lab ID: B25061181-001ADUP		Sample Duplicate				Run: Bal #30_250613D				06/13/25 14:09
Solids, Total Dissolved TDS @ 180 C		517	mg/L	25				0.6	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: B25061225 **Report Date:** 06/23/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D										Batch: TSS20250613A
Lab ID: MBLK_20250613-4		Method Blank				Run: BAL #30_250613B				06/13/25 09:42
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20250613-2		Laboratory Control Sample				Run: BAL #30_250613B				06/13/25 09:43
Solids, Total Suspended TSS @ 105 C		102	mg/L	25	102	80	120			
Lab ID: B25061153-001BDUP		Sample Duplicate				Run: BAL #30_250613B				06/13/25 09:44
Solids, Total Suspended TSS @ 105 C		14.0	mg/L	10				9.3	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061225 **Report Date:** 06/23/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Analytical Run: SPEC3_250613B	
Lab ID: CCV-200579		Continuing Calibration Verification Standard							06/13/25 15:12	
Oxygen Demand, Chemical (COD)		51.1	mg/L	5.0	102	90	110			
Method: E410.4									Batch: 200579	
Lab ID: MB-200579		Method Blank				Run: SPEC3_250613B			06/13/25 15:11	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: LCS-200579		Laboratory Control Sample				Run: SPEC3_250613B			06/13/25 15:11	
Oxygen Demand, Chemical (COD)		23.9	mg/L	5.0	98	90	110			
Lab ID: B25061225-002CMS		Sample Matrix Spike				Run: SPEC3_250613B			06/13/25 15:12	
Oxygen Demand, Chemical (COD)		23.6	mg/L	5.0	97	90	110			
Lab ID: B25061225-002CMSD		Sample Matrix Spike Duplicate				Run: SPEC3_250613B			06/13/25 15:12	
Oxygen Demand, Chemical (COD)		23.3	mg/L	5.0	95	90	110	1.4	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25061225

Login completed by: Leslie S. Cadreau
Date Received: 6/12/2025
Reviewed by: cindy
Received by: SRG
Reviewed Date: 6/21/2025
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:	5.6°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

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	193742 +193743

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
+Outfall 001A - 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
Times per containers. LC. 06/12/25

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acuedo
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	Total Dissolved Solids							See Attached	RUSH TAT	ELI LAB ID *Laboratory Use Only*
1	Outfall 001A	6/9/25	14:16	1	W	X									●		B25061225
2	Outfall 001A	6/11/25	14:50	2	W	X	X								●		
3	Outfall 001A	6/11/25	↓	1	W			X							●		
4			LC 06/12/25														
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 Acuedo	6/10/25				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Stacia Cutler	6/12/25 12:35	

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 193743

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 Quarterly

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 Quarterly							
1 Liter Plastic	1	A2540 C	Solids, Total Dissolved				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.

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

June 27, 2025

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

Work Order: B25061769 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 6/19/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25061769-001	Outfall 001A	06/13/25 14:45	06/19/25	Aqueous	Solids, Total Suspended
B25061769-002	Outfall 001A	06/16/25 14:50	06/19/25	Aqueous	Same As Above
B25061769-003	Outfall 001A	06/18/25 14:10	06/19/25	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: B25061769-001
Client Sample ID: Outfall 001A

Report Date: 06/27/25
Collection Date: 06/13/25 14:45
DateReceived: 06/19/25
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	06/20/25 10:01 / 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: B25061769-002
Client Sample ID: Outfall 001A

Report Date: 06/27/25
Collection Date: 06/16/25 14:50
DateReceived: 06/19/25
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	06/20/25 10:01 / 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: B25061769-003
Client Sample ID: Outfall 001A

Report Date: 06/27/25
Collection Date: 06/18/25 14:10
DateReceived: 06/19/25
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	06/20/25 10:01 / pjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	06/20/25 14:16 / 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: B25061769 **Report Date:** 06/25/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D										Batch: TSS20250620A
Lab ID: MBLK_20250620-5		Method Blank				Run: BAL #30_250620D				06/20/25 09:59
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20250620-3		Laboratory Control Sample				Run: BAL #30_250620D				06/20/25 09:59
Solids, Total Suspended TSS @ 105 C		106	mg/L	25	106	80	120			
Lab ID: B25061772-001BDUP		Sample Duplicate				Run: BAL #30_250620D				06/20/25 10:01
Solids, Total Suspended TSS @ 105 C		14.3	mg/L	10				2.3	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25061769 **Report Date:** 06/25/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Analytical Run: SPEC3_250620B	
Lab ID: CCV-200809		Continuing Calibration Verification Standard							06/20/25 14:16	
Oxygen Demand, Chemical (COD)		50.2	mg/L	5.0	100	90	110			
Method: E410.4									Batch: 200809	
Lab ID: MB-200809		Method Blank				Run: SPEC3_250620B			06/20/25 14:16	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: LCS-200809		Laboratory Control Sample				Run: SPEC3_250620B			06/20/25 14:16	
Oxygen Demand, Chemical (COD)		25.3	mg/L	5.0	104	90	110			
Lab ID: B25061769-003BMS		Sample Matrix Spike				Run: SPEC3_250620B			06/20/25 14:16	
Oxygen Demand, Chemical (COD)		22.8	mg/L	5.0	93	90	110			
Lab ID: B25061769-003BMSD		Sample Matrix Spike Duplicate				Run: SPEC3_250620B			06/20/25 14:16	
Oxygen Demand, Chemical (COD)		24.4	mg/L	5.0	100	90	110	7.1	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25061769

Login completed by:	Darcy Chirrick	Date Received:	6/19/2025
Reviewed by:	lcadreau	Received by:	SRG
Reviewed Date:	6/26/2025	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:	2.6°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 analysis was not selected on the chain of custody. The samples were logged in per the attached bottle order. LSC 06/26/25

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	186843

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	720-238-6069
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	6/13/25	1445	1	W			●		625061769
2	Outfall 001A	6/16/25	1450	1	W			●		
3	Outfall 001A	6/18/25	1410	2	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): Bryant Acevedo	Date/Time: 6/18/25 15:00	Signature	Received by (print)	Date/Time	Signature
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print): Staci Gottlob	Date/Time: 6/19/25 10:30	Signature: Staci Gottlob

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.
www.energylab.com
Billings, MT 406.252.6325 • Casper, WY 307.235.0515 • Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

BOTTLE ORDER 186843

***** 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: Brendan Smith
400 Corporate Circle, Suite H
Golden CO 80401
Phone: (775) 389-5582
Project: Schwartzwalder Mine - Weekly

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 9/10/2024
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							
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 (3 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	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

July 02, 2025

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

Work Order: B25062376 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 6/26/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25062376-001	Outfall 001A	06/20/25 14:45	06/26/25	Aqueous	Solids, Total Suspended
B25062376-002	Outfall 001A	06/23/25 13:30	06/26/25	Aqueous	Same As Above
B25062376-003	Outfall 001A	06/25/25 14:00	06/26/25	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: B25062376-001
Client Sample ID: Outfall 001A

Report Date: 07/02/25
Collection Date: 06/20/25 14:45
DateReceived: 06/26/25
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	06/27/25 11:13 / 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: B25062376-002
Client Sample ID: Outfall 001A

Report Date: 07/02/25
Collection Date: 06/23/25 13:30
DateReceived: 06/26/25
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	06/27/25 11:13 / 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: B25062376-003
Client Sample ID: Outfall 001A

Report Date: 07/02/25
Collection Date: 06/25/25 14:00
DateReceived: 06/26/25
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	06/27/25 11:13 / pjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	4	mg/L	J	5		E410.4	06/27/25 15:21 / 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)

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25062376 **Report Date:** 07/02/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D									Batch: TSS20250627A	
Lab ID: MBLK_20250627-5		Method Blank				Run: BAL #30_250627A			06/27/25 11:12	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20250627-3		Laboratory Control Sample				Run: BAL #30_250627A			06/27/25 11:12	
Solids, Total Suspended TSS @ 105 C		98.0	mg/L	25	98	80	120			
Lab ID: B25062349-003BDUP		Sample Duplicate				Run: BAL #30_250627A			06/27/25 11:13	
Solids, Total Suspended TSS @ 105 C		5.40	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: B25062376 **Report Date:** 07/02/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E410.4**									Analytical Run: SPEC3_250627B	
Lab ID: **CCV-201006**		Continuing Calibration Verification Standard							06/27/25 15:21	
Oxygen Demand, Chemical (COD)		53.7	mg/L	5.0	107	90	110			
Method: **E410.4**									Batch: 201006	
Lab ID: **MB-201006**		Method Blank				Run: SPEC3_250627B			06/27/25 15:20	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: **LCS-201006**		Laboratory Control Sample				Run: SPEC3_250627B			06/27/25 15:20	
Oxygen Demand, Chemical (COD)		23.3	mg/L	5.0	95	90	110			
Lab ID: **B25062319-004CMS**		Sample Matrix Spike				Run: SPEC3_250627B			06/27/25 15:21	
Oxygen Demand, Chemical (COD)		50.7	mg/L	5.0	108	90	110			
Lab ID: **B25062319-004CMSD**		Sample Matrix Spike Duplicate				Run: SPEC3_250627B			06/27/25 15:21	
Oxygen Demand, Chemical (COD)		51.1	mg/L	5.0	110	90	110	0.7	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25062376

Login completed by: Laura M. Barlage
Date Received: 6/26/2025
Reviewed by: jmiller
Received by: NLA
Reviewed Date: 7/2/2025
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:

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

Page 1 of 1

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 720-238-6169

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 - Solls/ 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	Analysis Requested							See Attached	RUSH TAT	ELI LAB ID (Laboratory Use Only)
1	Outfall 001A	6/20/25	1445	1	W										●		B25062376
2	Outfall 001A	6/23/25	1330	1	W										●		
3	Outfall 001A	6/25/25	1400	2	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
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print) Tasha Anthony	Date/Time 6/26/25 1025	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.

ELI-COC-01/21 v.4

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

July 14, 2025

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

Work Order: B25070213 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 7/2/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25070213-001	Outfall 001A	06/27/25 14:15	07/02/25	Aqueous	Solids, Total Suspended
B25070213-002	Outfall 001A	06/30/25 14:00	07/02/25	Aqueous	Same As Above
B25070213-003	Outfall 001A	07/01/25 14:10	07/02/25	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: B25070213-001
Client Sample ID: Outfall 001A

Report Date: 07/14/25
Collection Date: 06/27/25 14:15
DateReceived: 07/02/25
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	07/03/25 09:34 / 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: B25070213-002
Client Sample ID: Outfall 001A

Report Date: 07/14/25
Collection Date: 06/30/25 14:00
DateReceived: 07/02/25
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	07/03/25 09:34 / 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: B25070213-003
Client Sample ID: Outfall 001A

Report Date: 07/14/25
Collection Date: 07/01/25 14:10
DateReceived: 07/02/25
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	07/03/25 09:34 / pjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	07/03/25 13:58 / 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: B25070213 **Report Date:** 07/14/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **A2540 D**									Batch: TSS20250703A	
Lab ID: **MBLK_20250703-3**	Method Blank					Run: BAL #30_250703B			07/03/25 09:34	
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: **LCS_20250703-1**	Laboratory Control Sample					Run: BAL #30_250703B			07/03/25 09:34	
Solids, Total Suspended TSS @ 105 C		101	mg/L	25	101	80	120			
Lab ID: **B25070196-001CDUP**	Sample Duplicate					Run: BAL #30_250703B			07/03/25 09:34	
Solids, Total Suspended TSS @ 105 C		75.8	mg/L	10				4.6	10	
Lab ID: **B25070216-005BDUP**	Sample Duplicate					Run: BAL #30_250703B			07/03/25 09:34	
Solids, Total Suspended TSS @ 105 C		85.0	mg/L	12				7.4	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: B25070213 **Report Date:** 07/14/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **E410.4**									Analytical Run: SPEC3_250703B	
Lab ID: **CCV-201171**	Continuing Calibration Verification Standard								07/03/25 13:58	
Oxygen Demand, Chemical (COD)		49.2	mg/L	5.0	98	90	110			
Method: **E410.4**									Batch: 201171	
Lab ID: **MB-201171**	Method Blank					Run: SPEC3_250703B			07/03/25 13:58	
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: **LCS-201171**	Laboratory Control Sample					Run: SPEC3_250703B			07/03/25 13:58	
Oxygen Demand, Chemical (COD)		23.1	mg/L	5.0	95	90	110			
Lab ID: **B25070255-001CMS**	Sample Matrix Spike					Run: SPEC3_250703B			07/03/25 13:58	
Oxygen Demand, Chemical (COD)		25.6	mg/L	5.0	105	90	110			
Lab ID: **B25070255-001CMSD**	Sample Matrix Spike Duplicate					Run: SPEC3_250703B			07/03/25 13:58	
Oxygen Demand, Chemical (COD)		25.3	mg/L	5.0	104	90	110	1.3	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Linkan Engineering

B25070213

Login completed by: Natasha L. Anthony
Date Received: 7/2/2025
Reviewed by: ysmith
Received by: DNH
Reviewed Date: 7/11/2025
Carrier name: Return-FedEx NDA

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Applicable ☐
Container/Temp Blank temperature:	4.5°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 chain of custody does not indicate which sample is to be analyzed for chemical oxygen demand analysis. Proceeded with chemical oxygen demand on the sample collected 07/01/25 per the sample containers received. YES

Work Order Receipt Checklist - Continued

Linkan Engineering B25070213

07/11/25

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	186995

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 Acuedo
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	6/27/25	1415	1	W										●		B507023
2	Outfall 001A	6/30/25	1400	1	W										●		
3	Outfall 001A	7/1/25	1410	2	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 Acuedo	1510				
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print)	Date/Time	Signature
				Danielle Hays	07/02/25 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.

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

BOTTLE ORDER 186995

***** 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: Brendan Smith
400 Corporate Circle, Suite H
Golden CO 80401
Phone: (775) 389-5582
Project: Schwartzwalder Mine - Weekly

Order Created by: Yvonna E. Smith
Shipped From: Billings, MT
Ship Date: 9/17/2024
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							
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 (3 Sets)							
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	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.