

## 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>

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



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

Patale Doly

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



### **Enclosures:**

June 2025 DMR Submittal 2<sup>nd</sup> Quarter 2025 TDS Submittal 2<sup>nd</sup> 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
Adam Billin, Linkan, adam.billin@linkan.com
Chris Prosper, Linkan, chris.prosper@linkan.com
Sam Billin, Linkan, sam.billin@linkan.com
Jared Buck, Linkan, jared.buck@linkan.com
Brandy Wadford, Linkan, brandy.wadford@linkan.com
Alex Schwiebert, Linkan, alex.schwiebert@linkan.com

### ANALYTICAL SUMMARY REPORT

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.

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Lab ID	Client Sample ID	Collect Date Receive Date	e 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.

Linkan Engineering

Schwartzwalder Mine

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

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

Work Order: B25060950 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

**CLIENT:** 

Project:

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/Ľ	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

					MCL/		
Analyses	Result	Units	Qualifiers	RL	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		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		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		pCi/L	U			E903.0	06/23/25 10:05 / eli-ca
Radium 226 precision (±)		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		pCi/L	U			E903.0	06/23/25 10:22 / eli-ca
Radium 226 precision (±)		pCi/L				E903.0	06/23/25 10:22 / eli-ca
Radium 226 MDC		pCi/L				E903.0	06/23/25 10:22 / eli-ca
Radium 228		pCi/L	U			RA-05	06/18/25 13:10 / eli-ca
Radium 228 precision (±)		pCi/L				RA-05	06/18/25 13:10 / eli-ca
Radium 228 MDC		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

sea ana/or volume sasimitea

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering Revised Date: 07/10/25
Project: Schwartzwalder Mine 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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch

Work O	rder: B25060950							Re	port Date:	06/19/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	A3500-Cr B								Analytical F	Run: SPEC3	_250611B
Lab ID:	CCV	Coi	ntinuing Cal	ibration Verificati	on Standa	rd				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	Me	thod Blank				Run: SPEC	3_250611B		06/11	/25 12:44
Chromium	, Hexavalent		ND	mg/L	0.003						
Lab ID:	LCS	Lab	ooratory Cor	ntrol Sample			Run: SPEC	3_250611B		06/11	/25 12:44
Chromium	, Hexavalent		0.107	mg/L	0.010	107	90	110			
Lab ID:	B25060950-001AMS	Sar	mple Matrix	Spike			Run: SPEC	3_250611B		06/11	/25 12:44
Chromium	, Hexavalent		0.106	mg/L	0.010	106	80	120			
Lab ID:	B25060950-001AMSE	) Sar	mple Matrix	Spike Duplicate			Run: SPEC	3_250611B		06/11/	/25 12:44
Chromium	, Hexavalent		0.105	mg/L	0.010	105	80	120	0.7	20	

RL - Analyte Reporting Limit



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	Me	thod Blank				Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			ND	mg/L	0.01						
Lab ID:	LCS	Lal	boratory Cor	ntrol Sample			Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			0.181	mg/L	0.040	93	85	115			
Lab ID:	B25060950-001FMS	Sa	mple Matrix	Spike			Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			0.190	mg/L	0.040	97	70	130			
Lab ID:	B25060950-001FMSE	<b>)</b> Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			0.197	mg/L	0.040	101	70	130	4.0	20	
Lab ID:	B25060950-001FMS	Sa	mple Matrix	Spike			Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			0.374	mg/L	0.040	96	70	130			
Lab ID:	B25060950-001FMSE	<b>)</b> Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250613A		06/13/	/25 12:24
Sulfide			0.398	mg/L	0.040	102	70	130	6.3	20	

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							Analytica	I Run: IC M	METROHM 1	_250609A
Lab ID:	ICV	3	nitial Calibratio	n Verificat	ion 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 Cali	bration Ve	rification Standar	d				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 M	Method Blank				Run: IC ME	TROHM 1_25	60609A	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 L	_aboratory Fort	ified Blank	(		Run: IC ME	TROHM 1_25	60609A	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 8	Sample Matrix	Spike			Run: IC ME	TROHM 1_25	60609A	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 8	Sample Matrix	Spike Dup	licate		Run: IC ME	TROHM 1_25	60609A	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

Laboratory Fortified Blank

mg/L

0.00954



# **QA/QC Summary Report**

Prepared by Billings, MT Branch

Work Order: B25060950						Repo	rt Date	: 06/19/25	
Analyte	Count Res	sult Unit	s RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01						Analyt	ical Run	: SFA-202-B	_250611A
Lab ID: ICV	Initial Ca	libration Verif	ication Standard					06/11	/25 13:32
Cyanide, Weak Acid Dissociable	0.00	922 mg/L	0.0010	92	90	110			
Lab ID: CCV	Continuir	ng Calibration	Verification Standa	rd				06/11	/25 14:34
Cyanide, Weak Acid Dissociable	0.0	101 mg/L	0.0010	101	90	110			
Method: Kelada-01								Batch:	R443958
Lab ID: ICB	Method E	Blank			Run: SFA-2	202-B_250611A		06/11	/25 13:34
Cyanide, Weak Acid Dissociable		ND mg/L	0.0007						
Lab ID: LCS1-ZnCN	Laborato	ry Control Sa	mple		Run: SFA-2	202-B_250611A		06/11	/25 14:28
Cyanide, Weak Acid Dissociable	0.00	991 mg/L	0.0010	99	90	110			
Lab ID: B25060858-005DMS	Sample I	Matrix Spike			Run: SFA-2	202-B_250611A		06/11	/25 14:46
Cyanide, Weak Acid Dissociable	0.0	105 mg/L	0.0010	105	80	120			
Lab ID: B25060858-005DMS	D Sample I	Matrix Spike I	Duplicate		Run: SFA-2	202-B_250611A		06/11	/25 14:50
Cyanide, Weak Acid Dissociable	0.00	982 mg/L	0.0010	98	80	120	6.8	10	

0.0010

95

Lab ID:

Cyanide, Weak Acid Dissociable

Run: SFA-202-B\_250611A

110

90

06/11/25 15:00

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							Ana	lytical Ru	n: ICP205-B_	_250617A
Lab ID:	ICV	Co	ntinuing Cal	ibration Verific	ation Standar	d				06/17/	25 13:16
Boron			2.58	mg/L	0.10	103	95	105			
Lab ID:	ccv	Co	ntinuing Cal	ibration Verific	ation Standar	d				06/17/	25 17:56
Boron			2.54	mg/L	0.10	102	90	110			
Method:	E200.7									Batcl	h: 200603
Lab ID:	MB-200603	Me	thod Blank				Run: ICP20	5-B_250617A		06/17/	25 18:02
Boron			ND	mg/L	0.008						
Lab ID:	LCS3-200603	Lak	ooratory Cor	ntrol Sample			Run: ICP20	5-B_250617A		06/17/	25 18:03
Boron			1.07	mg/L	0.10	107	85	115			
Lab ID:	B25060955-006CMS3	Sai	mple Matrix	Spike			Run: ICP20	5-B_250617A		06/17/	25 18:18
Boron			1.11	mg/L	0.050	106	70	130			
Lab ID:	B25060955-006CMSD	3 Sai	mple Matrix	Spike Duplica	te		Run: ICP20	5-B_250617A		06/17/	/25 18:19
Boron			1.11	mg/L	0.050	106	70	130	0.2	20	



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# **QA/QC Summary Report**

Prepared by Billings, MT Branch

Work Order: B25060950 Report Date: 06/19/25 Count Result Units RL %REC Low Limit High Limit **RPD RPDLimit** Qual Analyte Method: E200.8 Analytical Run: ICPMS207-B\_250613A Lab ID: QCS 2 Initial Calibration Verification Standard 06/14/25 11:48 0.198 mg/L 0.020 99 90 110 Iron 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 0.0488 mg/L 0.0050 Manganese 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 ND mg/L 0.00003 Manganese LFB Lab ID: 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 Run: ICPMS207-B\_250613A 2 Sample Matrix Spike 06/14/25 13:31 Iron 4.81 mg/L 0.020 95 70 130 Manganese 0.246 0.0010 70 130 mg/L 93 B25060977-001CMSD Lab ID: 2 Sample Matrix Spike Duplicate Run: ICPMS207-B\_250613A 06/14/25 13:38 4.70 0.020 93 70 130 2.2 20 Iron mg/L 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 0.0050 mg/L 99 90 110 Method: Batch: 200603 E200.8 Lab ID: MB-200603 Method Blank Run: ICPMS207-B\_250618A 06/19/25 02:51

0.0002

ND

mg/L

### Qualifiers:

Thallium

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

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

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD RP	DLimit	Qual
Method:	E200.8							Analytica	I Run: ICPN	/IS208-B <sub>-</sub>	_250616A
Lab ID:	QCS	5 Initi	al Calibrati	on Verification	on 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 Cor	ntinuing Ca	libration Ver	ification Standa	rd				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									Batc	h: 200603
Lab ID:	MB-200603	6 Met	hod Blank				Run: ICPM	S208-B_250616A	Ą	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 Lab	oratory Co	ntrol Sample	<b>)</b>		Run: ICPM	S208-B_250616 <i>F</i>	A	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 Sar	nple Matrix	Spike			Run: ICPM	S208-B_250616 <i>F</i>	Ą	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:	B25060955-008CMSD	<b>4</b> 6 Sar	nple Matrix	Spike Dupli	cate		Run: ICPM	S208-B_250616 <i>F</i>	Ą	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	8.0	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

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							Analytica	al Run: I	CPMS209-B	_250613A
Lab ID:	QCS	6 Initi	al Calibratio	n Verificat	ion 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 Cor	tinuing Cal	ibration Ve	rification Standar	rd				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 Met	hod Blank				Run: ICPM	S209-B_250613/	4	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 Lab	oratory For	tified Blank	(		Run: ICPM	S209-B_250613/	4	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 San	nple Matrix	Spike			Run: ICPM	S209-B_250613/	A	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 San	nple Matrix	Spike Dup	licate		Run: ICPM	S209-B_250613/	4	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

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

# **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 Sa	ample Matrix	Spike Duplicate			Run: ICPMS	S209-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 M	ethod Blank				Run: ICPMS	S209-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						

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							Analytic	al Run:	HGCV205-B <sub>-</sub>	_250618A
Lab ID:	ICV-200540	Initi	al Calibratio	on Verifica	tion Standard					06/18/	/25 10:55
Mercury			0.00205	mg/L	0.00010	103	90	110			
Lab ID:	CCV1	Cor	ntinuing Cal	ibration Ve	erification Standar	d				06/18/	/25 11:00
Mercury			0.00245	mg/L	0.00010	98	95	105			
Lab ID:	ccv	Cor	ntinuing Cal	ibration Ve	erification Standar	d				06/18/	/25 13:41
Mercury			0.00228	mg/L	0.00010	91	90	110			
Method:	E245.1									Batcl	h: 200668
Lab ID:	MB-200668	Met	thod Blank				Run: HGCV	′205-B_250618 <i>A</i>	A	06/18/	/25 13:29
Mercury			ND	mg/L	0.00006						
Lab ID:	LCS-200668	Lab	oratory Cor	ntrol Samp	ole		Run: HGCV	/205-B_250618 <i>A</i>	4	06/18/	/25 13:31
Mercury			0.00190	mg/L	0.00010	95	85	115			
Lab ID:	B25060859-002GMS	Sar	mple Matrix	Spike			Run: HGCV	/205-B_250618 <i>A</i>	4	06/18/	/25 13:35
Mercury			0.00191	mg/L	0.00010	95	70	130			
Lab ID:	B25060859-002GMSI	<b>)</b> Sar	nple Matrix	Spike Dup	olicate		Run: HGCV	/205-B_250618 <i>A</i>	4	06/18/	/25 13:37
Mercury			0.00189	mg/L	0.00010	94	70	130	1.1	30	



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: RA2	26-11707
Lab ID: LCS-RA226-11707	3 Lab	ooratory Cor	trol Sample			Run: TENN	ELEC-4_250613	D	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 Me	thod Blank				Run: TENN	ELEC-4_250613	D	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: C25060231-004EDUF	3 Sar	mple Duplica	ate			Run: TENN	ELEC-4_250613	D	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							

<sup>-</sup> 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.

RL - Analyte Reporting Limit

R - Relative Percent Difference (RPD) exceeds advisory limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected

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# **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 Hig	gh Limit RPD	RPDLimit	Qual
Method: RA-05						Batch: RA	228-7673
Lab ID: LCS-228-RA228-767	<b>3</b> 3 Lab	oratory Cor	ntrol Sample	Run: TENNELE	C-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 Me	thod Blank		Run: TENNELE	C-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: B25060950-001HDUI	<b>3</b> Sar	mple Duplica	ate	Run: TENNELE	C-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				

<sup>-</sup> 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.

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		Re	eceived by: NLA
Reviewed Date:	6/12/2025		Ca	rrier name: Return-FedEx NDA
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present
Custody seals intact on all s	hipping container(s)/cooler(s)?	Yes √	No 🗌	Not Present
Custody seals intact on all s	ample bottles?	Yes	No 🗌	Not Present ✓
Chain of custody present?		Yes ✓	No 🗌	
Chain of custody signed who	en relinquished and received?	Yes ✓	No 🗌	
Chain of custody agrees with	n 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 I (Exclude analyses that are c such as pH, DO, Res CI, Su	onsidered field parameters	Yes √	No 🗌	
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes 🗸	No 🗌	Not Applicable
Container/Temp Blank temp	erature:	8.6°C Blue Ice		
Containers requiring zero he bubble that is <6mm (1/4").	adspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board  A C C R E D I T E D	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCHE	North Dakota	R-007
and the second	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casasar 14/V	Louisiana	05083
Casper, WY	Montana	CERT0002
SULTO ACCREDIA	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
LABORATORY	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090



# Chain of Custody & Analytical Request Record

www.energylab.com

Page 1 of 1

Account	Account Information (Billing information)			Report	nformat	ion (if diffe	Report Information (if different than Account Information)	count Infor	mation)	Ī	Comments		
Company/Name Linkan	ne Linkan			Company/Name Linkan	ame Linka	L					Outfall 001A	- Bi-W	Outfall 001A - Bi-Weekly Sample
Contact	Chris Prosper			Contact	Alex	Alex Schwiebert	Ĕ						
Phone	775-777-8003			Phone	775-3	775-397-6779							
Mailing Address	ss 2720 Ruby Vista Dr			Mailing Address		2720 Ruby Vista Dr	ta Dr				Please emai	Repo	Please email Report and EDD results to:
City, State, Zip	p Elko, NV 89801			City, State, Zip		Elko, NV 89801	_				chris.prosper@linkan.com	r@link	an.com
Email	AP@linkan.com			Email	see	see comments					adam.billin@linkan.com	Jinkan Jinkan	com
Receive Invoice	ce □Hard Copy ■Email Receive Report □Hard Copy ■Email	port □Hard Cop	y eEmail	Receive Report	oort □Hard	Copy EEmai	lail				alex.scriwlebert@illikan.com beter havs@state.co.us	State c	IKAII.COM
Purchase Order 25-0152	er Quote H17287	Bottle Order	7	Special Report/Formats:  ☐ LEVEL IV ☐NEL	νFormats: □NELAC	EDD/E	■ EDD/EDT (contact laboratory) □ Other.	oratory) 🗆 (	Other				
Project In	Project Information			Mat	Matrix Codes			Ana	Analysis Requested	rested			
Project Name,	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	er Mine		- A	Air		əld						All turnaround times are
Sampler Name	Broad Actuals Sampler Phone	4	1338 /6/69			wnį	veral		anla		wn		standard unless marked as RUSH.
Sample Origin	op	EPA/State Compliance	s	, >	Solids	mon		ally			Rad		Energy Laboratories MUST be contacted prior to
URANIUM MINING (  □ Unprocessed Ore □ Processed Ore (G	URANIUM MINING CLIENTS MUST Indicate sample type  □ Unprocessed Ore □ Processed Ore (Ground or Refined) **CALL BEFORE SENDING  11 (1e)2 Byproduct Material (Gan ONL'Y be Submitted to EL Casper Location)	type RE SENDING to ELI Casper I	ocation)	0 - DW -	Bioassay Oil Drinking	AS finelis	rlossiD ,a 7 Total F	s, Potenti ved	de, WAD lydfall (e	metric m 226, D	+ 9ZZ w	hedost14	RUSH sample submittal for charges and scheduling – See Instructions Page
	Sample Identification	O	5   7	Number of Containers	Matrix (See Codes	-		letal ossi(		inolo	uibe? 82		RUSH ELI LAB ID
	(Marine, Location, mervar, etc.)	Date							T	)			Julia
1 Outlail 00 IA	¥100	10/10	1925 1450	t)	3							•	8250008S
2												•	
8													
4													
2													
9													
7										-			
80													
<u>o</u>													
Ш	ELI is REQUIRED to provide preservative traceability. If	rvative trace		preservativ	es supplie	d with the	ottle order	were NO	T used, ple	ase attac	n your preserva	tive infor	the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.
Custody Record	Relinquished by (print)	Ca/10/AS	1525	Signature	t to		Received by (print)	by (print)		۵	Date/Time	S	Signature
MUST be signed	Relinquished by (print)	Date/Time	3	Signature	_		Received	75	Laborator (Mint) have	-	Stolling	000	Signature
			100		LABOF	LABORATORY USE ONLY	E ONLY	T I		30		Trick (Name	
Shipped By	y Cooler ID(s) Custody Seals	als Intact B Y N	Receipt Temp		Temp Blank Y N	on ∠ ∨	8	Paym Cash	Payment Type th Check	,	Amount \$	Receip	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.

Trust our People. Trust our Data. www.energylab.tom

# Billings, MT 406.252.6325 . Casper, WY 307.235.0515 . Gillette, WY 307.686.7175 . Helena, MT 406.442.0711

**BOTTLE ORDER 193742** 



Linkan Engineering SHIPPED

400 Corporate Circle, Suite H Contact: Chris Prosper

Golden CO 80401

(719) 247-0564 Phone:

Schwartzwalder Mine-Outfall 001A Monthly + Weekly **Project:** 

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

Shipped From: Billings, MT Ship Date: 4/17/2025

Order Created by: Yvonna E. Smith

VIA: Ground Quote Used: 17287

Preservative			Hold			Num
	Method	Tests	Time	Preservative	Notes	Samo

Outfall 001A Weekly COD (4 Sets)	COD (4 Set	s)		
500 mL Plastic	1 E410.4	Chemical Oxygen Demand	H2SO4	
	HACH 8000 Preparation f	Preparation for COD testing HACH 8000		

Outfall 001A Three Times Weekly TSS (12 Sets)	e Time	s Week	ly TSS (12 Sets)			
1 Liter Plastic Wide Mouth	1 1	42540 D	1 A2540 D Solids, Total Suspended		Fill to the neck of the container.	-
Outfall 001A Bi-Weekly ( 2 Sets)	eekly (	2 Sets)				
250 mL Plastic	1	\3500-Cr B	1 A3500-Cr B Chromium, Hexavalent	24.00 hrs		7

Cation of the Division ( 2 octs)	) KIND	(C12)					
250 mL Plastic	1/	43500-Cr B	1 A3500-Cr B Chromium, Hexavalent	24.00 hrs			_
	Ш	E300.0	Anions by Ion Chromatography				
250 mL Plastic	1 E	₹200.7_8	E200.7_8 Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	-
250 mL Plastic	1	=200.7_8	E200.7_8 Metals by ICP/ICPMS, Total Recoverable		HNO3	A CONTRACTOR OF THE STATE OF TH	-
-	U	Salculation	Calculation Chromium, Total Recoverable Trivalent				
	Ш	E245.1	Mercury, Total				
	ш	E200.2	Metals Digestion by E200.2				
- 1	Ш	E245.1	Mercury Digestion by E245.1				

BO#: 193742

1 of 2

EX.00.78   Micals by IOPIICPMS, Potentially   Missals by IOPIICPMS, Potentially   Missals by IOPIICPMS, Potentially   Missals by IOPIICPMS, Potentially Dissolved   Missals by IoPIICPMS, Potential Dissolved By IoPIICPMS, Potential	E-200_L-28   Micro	250 ml Diactio		4 10001				
MCAWW   Preparation, Potentially Dissolved   Filtration   Filtration   Filtration   Filtration   1 Kelada-01   Cyanide, Weak Acid Dissociable	nber Plastic 1 Kelada-01 Cyanide, Weak Acid Dissolved Filtration 1 Kelada-01 Cyanide, Weak Acid Dissolved	1000		EZ00.7_8	Metals by ICP/ICPMS, Potentially Dissolved	HNO3		~
nber Plastic 1 Kelada-01 Cyanide, Weak Acid Dissociable	nber Plastic 1 Kelada-01 Cyanide, Weak Acid Dissociable			MCAWW	Preparation, Potentially Dissolved Filtration			
astic 1 A4500-S D Sulfide, Methylene Blue Colorimetric 2 Salting Methylene Blue Colorimetric 4 A7500-RA Radium 226, Dissolved 5 Radium 226, Dissolved 6 Radium 226, Total 2 Radium 228, Total 2 Radium 228, Total 2 A2540 D Solids, Total Suspended 6 Solids, Total Suspended 6 Solids, Total Suspended 7 Solids, Total Suspended 8 Solids, Total Suspended 9 Solids	astic 1 A4500-S D Sulfide, Methylene Blue Colorimetric 2 A2500-R Radium 226, Dissolved 4 E903.0 Radium 226, Total 2 Radium 228, Total 2 Radium 228, Total 2 A2540 D Solids, Total Suspended 5 A2540 D Solids, Total Suspended 6 Acid 4 Acid 6 Acid 6 Acid 6 Acid 6 Acid 7 Acid 8	500 mL Amber Plastic			Cyanide, Weak Acid Dissociable	NaOH		
lastic 1 E903.0 Radium 226, Dissolved	lastic 1 E903.0 Radium 226, Dissolved	250 mL Plastic		1 A4500-S D		ZnAc	Zero headspace	
Pastic   1   E903.0   Radium 226, Dissolved     Pastic   1   A7500-RA   Radium 226 + Radium 228     Pastic	lastic 1 E903.0 Radium 226, Dissolved				-	NaOH		-
lestic 1 A7500-RA Radium 226 + Radium 228  E903.0 Radium 226, Total RA-05 Radium 228, Total RA-05 Radium 228, Total  RA-05 Radium 4 Nortoxide  RA-05 Radium 4 Nortoxide  RA-05 Radium 4 Nortoxide  RA-06 RA-05 RADIA RADI	A7500-RA   Radium 226 + Radium 228   Radium 228   Radium 226   Radium 226   Radium 228   Radiu	1 Gallon Plastic		1 E903.0	Radium 226, Dissolved	HNO3	Filter before precentation	1
Fadium 226, Total   Radium 228, Total Suspended   Active   Active   Chemical Oxygen Demand   Active   HZSO4 - Sulfuric Acid   H3PO4 - Phosphoric Acid	FA-05   Radium 226, Total   RA-05   Radium 228, Total   RA-05   Radium	1 Gallon Plastic		1 A7500-RA		HNO3	This now only position	-
RA-05   Radium 228, Total   Radium 228, Tota	RA-05   Radium 228, Total   Radium 228, Total   Radium 228, Total   Suspended			E903.0	Radium 226, Total		nitric acid vial for preservation.	-
Feekly Supplies   2 A2540 D   Solids, Total Suspended   Solids, Total Suspended   Solids, Total Suspended   Solids   Solids, Total Suspended   Hato.4   Chemical Oxygen Demand   Hato.4   Chemical Oxygen Demand   Hato.4   Chemical Oxygen Demand   Hato.4   Chemical Oxygen Demand   Hato.4   H	Feekly Supplies       2 A2540 D       Solids, Total Suspended         istic       1 E410.4       Chemical Oxygen Demand       □ H         - Nitric Acid       □ HCI - Hydrochloric       □ H3PO4 - Phosphoric Acid       □ H3PO4 - Phosphoric Acid         - Zinc Acetate       □ HCI - Hydrochloric       □ H3PO4 - Phosphoric Acid         - Acid       Acid       □ H3PO4 - Phosphoric Acid         - Acid       □ HCI - Hydrochloric       □ H3PO4 - Phosphoric Acid         - Services -> MSDS Sheets       Bemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.         g of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories will utilize its branch laboratories lill be indicated within the Laboratory Analytical Report.			RA-05	Radium 228, Total			
itic Wide 2 A2540 D Solids, Total Suspended  - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide  - Zinc Acetate HCI - Hydrochloric Acid Acid Acid Acid BeregyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	Istic Wide 2 A2540 D Solids, Total Suspended Strict Wide 2 A2540 D Solids, Total Suspended Tetrory Solids, Total Solids, T	Extra Weekly Sun	police					
Istic 1 E410.4 Chemical Oxygen Demand  - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide  - Zinc Acetate HCI - Hydrochloric Acid H3PO4 - Phosphoric Acid Acid Acid Bets BenergyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	Institute Acid Held Chemical Oxygen Demand Hydroxide  - Nitric Acid Held Chemical Oxygen Demand Hydroxide  - Zinc Acetate Held Held Hald Hald Hydroxide Hold Hydroxide Hold Hydroxide Hold Hydroxide Hald Hold Hydroxide Hald Hold Hydroxide Hald Hald Sheets Hold Hydroxide Linc Acid Acid Hold Hydroxide Linc Acid Acid Hald Sheets Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.  3 of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories ill be indicated within the Laboratory Analytical Report.	1 Liter Plastic Wide		2 A2540 D	Solids. Total Suspended			
- Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide Acid Acid Bety Data Sheets (MSDS) Available @ EnergyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acid and Sodium Hydroxide. Zinc Acetate is a skin irritant.	- Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide Acid Acid BenergyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acid and Sodium Hydroxide. Zinc Acetate Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.  3 of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories lill be indicated within the Laboratory Analytical Report.	Nouth			5		Fill to the neck of the container.	~
- Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide - Zinc Acetate HCI - Hydrochloric Combon H3PO4 - Phosphoric Acid Acid Acid Bets Data Sheets (MSDS) Available © EnergyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	- Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide - Zinc Acetate HCI - Hydrochloric Acid Acid Acid BC EnergyLab.com -> Services -> MSDS Sheets emicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.  3 of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories.	00 mL Plastic		1 E410.4	Chemical Oxygen Demand	H2SO4		7
HNO3 - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide We strongly suggest that the samples are collecte Acid Acid H3PO4 - Phosphoric Acid Acid Acid Acid Acid Acid Acid Ac	HNO3 - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide We strongly suggest that the samples are shipped the same day as they are collected acid Acid Acid Acid Acid Acid Acid Sodium Hydroxides -> 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	comments						-
Acid  Material Safety Data Sheets(MSDS) Available @ EnergyLab.com -> Services -> MSDS Sheets  Subcontracting of sample analyses to an outside laboratory may be required.	Acid Adapterial Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets  Corrosive Chemicals: Nitric, Sulffuric, Phosphoricy, 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 be indicated within the Laboratory Analytical Report.	HNO3 - Nitric Acid		H2SO4 - Sulfu	Z	Westr	Vanaly engaget that the	
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 I have be required.	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	ZnAc - Zinc Acetate		HCI - Hydrochl Acid		shippe	d the same day as they are collec	ted.
Subcontracting of sample analyses to an outside laboratory may be required.	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	Material Safety Data Shu Corrosive Chemicals: Nitric, St	eets(N	(SDS) Availat	le @ EnergyLab.com ->Services -> MSDS Sheets	s		
Appropriate the property of th	abolatories will be indicated within the Laboratory Analytical Report.	Subcontracting of sample analysis	ses to an	outside laboratory	may be required. If so, Energy Laboratories will utilize its branch	all and a coincharacter		



### **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 Da	te Matrix	Test
B25061882-001	Outfall 001A	06/19/25 14:40 06/20/25	5 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 Colorimetr

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.

Billings, MT **406.252.6325** • Casper, WY **307.235.0515** Gillette, WY **307.686.7175** • Helena, MT **406.442.0711** 

**Report Date:** 07/14/25

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine

Work Order: B25061882 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
 Report Date:
 07/14/25

 Project:
 Schwartzwalder Mine
 Collection Date:
 06/19/25 14:40

 Lab ID:
 B25061882-001
 DateReceived:
 06/20/25

 Client Sample ID:
 Outfall 001A
 Matrix:
 Aqueous

					MCL/	
Analyses	Result	Units	Qualifiers	RL	QCL Method	Analysis Date / By
INORGANICS						
Chloride	0.6	mg/L	J	1	E300.0	06/22/25 00:38 / caa
Sulfate		mg/L	ŭ	1	E300.0	06/22/25 00:38 / caa
Fluoride		mg/L		0.1	E300.0	06/22/25 00:38 / caa
Cyanide, Weak Acid Dissociable		ug/L		1	Kelada-01	06/20/25 13:42 / fap
Sulfide		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		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		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		ug/L		5	E200.8	06/27/25 17:55 / jks
Chromium, Trivalent		ug/L		10	Calculation	07/01/25 08:42 / bap
Iron		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		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 (±)		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		pCi/L	U		E903.0	07/08/25 14:55 / eli-ca
Radium 226 precision (±)		pCi/L			E903.0	07/08/25 14:55 / eli-ca
Radium 226 MDC		pCi/L			E903.0	07/08/25 14:55 / eli-ca
Radium 228		pCi/L	U		RA-05	07/03/25 12:32 / eli-ca
Radium 228 precision (±)		pCi/L			RA-05	07/03/25 12:32 / eli-ca
Radium 228 MDC		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

Definitions:

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

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711



### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:07/14/25Project:Schwartzwalder MineCollection Date:06/19/25 14:40Lab ID:B25061882-001DateReceived:06/20/25Client Sample ID:Outfall 001AMatrix:Aqueous

				MCL/		
Analyses	Result Units	Qualifiers	RL	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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

**Report Date: 07/01/25** 

06/20/25 12:12



Work Order: B25061882

B25061882-001AMSD

Lab ID:

Chromium, Hexavalent

# **QA/QC Summary Report**

Prepared by Billings, MT Branch

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3500-Cr B								Analytical F	Run: SPEC3_	_250620A
Lab ID: CCV	Contin	nuing Cali	bration Veri	ification Standar	rd				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	Metho	od Blank				Run: SPEC	3_250620A		06/20/	/25 12:12
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: LCS	Labor	atory Cor	itrol Sample	)		Run: SPEC	3_250620A		06/20/	/25 12:12
Chromium, Hexavalent		0.101	mg/L	0.010	101	90	110			
Lab ID: B25061882-00	1AMS Samp	le Matrix	Spike			Run: SPEC	3_250620A		06/20/	/25 12:12
Chromium, Hexavalent		0.106	mg/L	0.010	106	80	120			

0.010

102

Sample Matrix Spike Duplicate

mg/L

0.102

Run: SPEC3\_250620A

120

80



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 F	Run: SPEC3_	_250620C
Lab ID:	CCV	Co	ntinuing Cal	ibration Verification	on Standa	rd				06/20/	/25 16:21
Sulfide			0.498	mg/L	0.040	100	90	110			
Method:	A4500-S D									Batch:	R444568
Lab ID:	MBLK	Me	thod Blank				Run: SPEC	3_250620C		06/20/	/25 16:21
Sulfide			ND	mg/L	0.01						
Lab ID:	LCS	Lab	ooratory Co	ntrol Sample			Run: SPEC	3_250620C		06/20/	/25 16:21
Sulfide			0.204	mg/L	0.040	106	85	115			
Lab ID:	B25061768-001DMS	Sai	mple Matrix	Spike			Run: SPEC	3_250620C		06/20/	/25 16:21
Sulfide			0.197	mg/L	0.040	103	70	130			
Lab ID:	B25061768-001DMSI	D Sai	mple Matrix	Spike Duplicate			Run: SPEC	3_250620C		06/20/	/25 16:21
Sulfide			0.196	mg/L	0.040	102	70	130	0.2	20	

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 I	Run: IC N	IETROHM 1	_250619A
Lab ID:	ICV	3 Ini	tial Calibratio	on Verification	n 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 Co	ntinuing Cal	ibration Verif	ication Standa	rd				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 Me	thod Blank				Run: IC ME	TROHM 1_250	619A	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 La	boratory For	tified Blank			Run: IC ME	TROHM 1_250	619A	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 Sa	mple Matrix	Spike			Run: IC ME	TROHM 1_250	619A	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 Sa	mple Matrix	Spike Duplic	ate		Run: IC ME	TROHM 1_250	619A	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



Prepared by Billings, MT Branch

				•							
Work	Order: B25061882						Repo	rt Date	: 07/01/25		
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	: Kelada-01							Analyti	cal Run	: SFA-202-B	_250620
Lab ID:	ICV	Initi	ial Calibratio	on Verificat	ion Standard					06/20	/25 11:54
Cyanide,	, Weak Acid Dissociable		0.00966	mg/L	0.0010	97	90	110			
Lab ID:	ccv	Cor	ntinuing Cal	ibration Ve	rification Standar	d				06/20	/25 12:50
Cyanide,	, Weak Acid Dissociable		0.0109	mg/L	0.0010	109	90	110			
Method:	: Kelada-01									Batch:	R44453
Lab ID:	ICB	Me	thod Blank				Run: SFA-2	202-B_250620A		06/20	/25 11:56
Cyanide,	, Weak Acid Dissociable		ND	mg/L	0.0007						
Lab ID:	LCS1-ZnCN	Lab	oratory Cor	ntrol Sampl	le		Run: SFA-2	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	Sar	mple Matrix	Spike			Run: SFA-2	202-B_250620A		06/20	/25 12:18
Cyanide,	, Weak Acid Dissociable		0.0104	mg/L	0.0010	104	80	120			
Lab ID:	B25061579-001GMSI	<b>D</b> Sar	mple Matrix	Spike Dupl	licate		Run: SFA-2	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	Lab	oratory For	tified Blank	(		Run: SFA-2	202-B_250620A		06/20	/25 12:44
Cyanide,	, Weak Acid Dissociable		0.0110	mg/L	0.0010	110	90	110			

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# **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							Ana	ılytical Ru	n: ICP205-B <sub>-</sub>	_250625B
Lab ID:	ICV	Co	ntinuing Cal	ibration Verif	ication Standar	ď				06/25/	/25 13:49
Boron			2.55	mg/L	0.10	102	95	105			
Lab ID:	ccv	Co	ntinuing Cal	ibration Verif	ication Standar	rd				06/25/	/25 18:29
Boron			2.56	mg/L	0.10	102	90	110			
Method:	E200.7									Batc	h: 200879
Lab ID:	MB-200879	Me	thod Blank				Run: ICP20	5-B_250625B		06/25/	/25 18:07
Boron			ND	mg/L	0.008						
Lab ID:	LCS3-200879	Lab	ooratory Cor	ntrol Sample			Run: ICP20	5-B_250625B		06/25/	/25 18:08
Boron			1.07	mg/L	0.10	107	85	115			
Lab ID:	B25061876-001DMS3	Sai	mple Matrix	Spike			Run: ICP20	5-B_250625B		06/25/	/25 18:25
Boron			1.12	mg/L	0.050	112	70	130			
Lab ID:	B25061876-001DMSD	3 Sai	mple Matrix	Spike Duplic	ate		Run: ICP20	5-B_250625B		06/25/	/25 18:26
Boron			1.08	mg/L	0.050	108	70	130	4.2	20	

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							Analytica	al Run: I	CPMS207-B	_250627A
Lab ID:	QCS	3 Init	ial Calibratio	on 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 Coi	ntinuing Cal	ibration Verifi	cation Standar	d				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 Init	ial Calibratio	on 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 Coi	ntinuing Cal	ibration Verifi	cation Standar	d				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 Me	thod Blank				Run: ICPMS	S207-B_250627	A	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 Lat	ooratory For	tified Blank			Run: ICPMS	S207-B_250627	A	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 Me	thod Blank				Run: ICPMS	S207-B_250627	A	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 Sar	mple Matrix	Spike			Run: ICPMS	S207-B_250627	A	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 Sar	mple Matrix	Spike Duplica	ate		Run: ICPMS	S207-B_250627/	A	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 Me	thod Blank				Run: ICPMS	S207-B_250627/	A	06/29/	/25 04:24
Copper			0.0003	mg/L	0.00005						
				mg/L							

Qualifiers:

RL - Analyte Reporting Limit

0.534

mg/L

**Report Date: 07/01/25** 

0.5

20



Work Order: B25061882

Zinc

# **QA/QC Summary Report**

Prepared by Billings, MT Branch

	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8									Batch:	R444978
Lab ID:	MB-200823	3 N	Method Blank				Run: ICPMS	S207-B_250627A		06/29/	/25 04:24
Zinc			ND	mg/L	0.001						
Lab ID:	B25061189-001BMS	3 5	Sample Matrix	Spike			Run: ICPMS	S207-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 8	Sample Matrix	Spike Dupli	cate		Run: ICPMS	S207-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	

0.010

85

70

130

RL - Analyte Reporting Limit

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: I	CPMS208-B_	_250625B
Lab ID:	QCS	3 Init	ial Calibration	on Verification	on 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 Co	ntinuing Cal	ibration Veri	fication Standa	rd				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	n: 200879
Lab ID:	MB-200879	6 Me	thod Blank				Run: ICPMS	S208-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 Lal	boratory Cor	ntrol Sample	<b>;</b>		Run: ICPMS	S208-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 Sa	mple Matrix	Spike			Run: ICPM	S208-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			Α
Thallium			0.105	mg/L	0.0010	105	70	130			
Uranium			24.0	mg/L	0.00030		70	130			Α
Lab ID:	B25061875-001EMSE	<b>04</b> 6 Sa	mple Matrix	Spike Dupli	cate		Run: ICPM	S208-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	Α
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	Α

### Qualifiers:

RL - Analyte Reporting Limit

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



Prepared by Billings, MT Branch

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

Trust our People. Trust our Data. www.energylab.com

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8							Analytica	al Run: I	CPMS209-B_	_250623A
Lab ID:	QCS	2 Init	ial Calibratio	on Verifica	tion Standard					06/23/	/25 20:02
Iron			0.200	mg/L	0.020	100	90	110			
Manganes	se		0.195	mg/L	0.0050	97	90	110			
Lab ID:	CCV	2 Co	ntinuing Cal	ibration Ve	erification Standar	d				06/24/	/25 02:11
Iron			1.26	mg/L	0.020	97	90	110			
Manganes	se		0.0480	mg/L	0.0050	96	90	110			
Method:	E200.8									Batch:	R444636
Lab ID:	LRB	2 Me	thod Blank				Run: ICPM	S209-B_250623	A	06/23/	/25 11:40
Iron			ND	mg/L	0.001						
Manganes	se		ND	mg/L	0.00007						
Lab ID:	LFB	2 Lat	boratory For	tified Blan	k		Run: ICPMS	S209-B_250623	A	06/23/	/25 20:29
Iron			4.76	mg/L	0.020	95	85	115			
Manganes	se		0.0452	mg/L	0.0050	90	85	115			
Lab ID:	B25061815-001AMS	2 Sa	mple Matrix	Spike			Run: ICPMS	S209-B_250623	A	06/24/	/25 01:28
Iron			4.97	mg/L	0.020	99	70	130			
Manganes	se		0.0505	mg/L	0.0010	92	70	130			
Lab ID:	B25061815-001AMSD	2 Sa	mple Matrix	Spike Dup	olicate		Run: ICPMS	S209-B_250623	A	06/24/	/25 01:33
Iron			4.90	mg/L	0.020	98	70	130	1.4	20	
Manganes	se		0.0487	mg/L	0.0010	88	70	130	3.6	20	

### Qualifiers:

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

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

								- 1			
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8							Analytical	Run: IC	CPMS209-B_	_250625B
Lab ID:	QCS	3	Initial Calibration	on Verifica	tion 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 Cali	ibration Ve	erification Standa	rd				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: ICPM	S209-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 For	tified Blan	k		Run: ICPM	S209-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: ICPM	S209-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 9	Sample Matrix	Spike			Run: ICPM	S209-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:	B25061882-001DMSE	3 3	Sample Matrix	Spike Du	olicate		Run: ICPM	S209-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



Prepared by Billings, MT Branch

Work Order: B250618	82						Repor	t Date:	07/01/25	
Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Analytica	al Run: I	CPMS209-B	_250627A
Lab ID: QCS	3 Ir	nitial Calibration	on Verificati	on 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 Cal	libration Ver	ification Standa	rd				06/27	7/25 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									Bato	h: 200879
Lab ID: MB-200879	3 N	lethod Blank				Run: ICPM	S209-B_250627 <i>F</i>	4	06/27	//25 16:50
Chromium		ND	mg/L	0.0003						
Thallium		ND	mg/L	0.00008						
Uranium		ND	mg/L	0.00001						

RL - Analyte Reporting Limit

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							Analytic	cal Run: I	HGCV203-B_	_250624A
Lab ID:	ICV-200839	Initi	ial Calibratio	on Verifica	tion Standard					06/24/	25 12:51
Mercury			0.00201	mg/L	0.00010	101	90	110			
Lab ID:	CCV1	Cor	ntinuing Cal	ibration V	erification Standa	rd				06/24/	25 12:54
Mercury			0.00250	mg/L	0.00010	100	95	105			
Lab ID:	CCV	Cor	ntinuing Cal	ibration Ve	erification Standa	rd				06/24/	25 14:07
Mercury			0.00251	mg/L	0.00010	100	90	110			
Method:	E245.1									Batcl	h: 200857
Lab ID:	MB-200857	Me	thod Blank				Run: HGCV	/203-B_250624 <i>/</i>	4	06/24/	25 13:38
Mercury			ND	mg/L	0.00006						
Lab ID:	LCS-200857	Lab	oratory Cor	ntrol Samp	ole		Run: HGCV	/203-B_250624/	4	06/24/	25 13:40
Mercury			0.00207	mg/L	0.00010	104	85	115			
Lab ID:	B25061934-001BMS	Sar	mple Matrix	Spike			Run: HGCV	/203-B_250624/	Д	06/24/	25 14:15
Mercury			0.00201	mg/L	0.00010	100	70	130			
Lab ID:	B25061934-001BMS	<b>)</b> Sar	mple Matrix	Spike Dup	olicate		Run: HGCV	/203-B_250624/	4	06/24/	25 14:16
Mercury			0.00217	mg/L	0.00010	109	70	130	7.8	30	



### **QA/QC Summary Report**

Prepared by Casper, WY Branch

Work Order: B25061882							Repo	rt Date	07/11/25	
Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA2	226-11718
Lab ID: LCS-RA226-11718	3 Lat	ooratory Co	ntrol Sample			Run: TENN	IELEC-4_25062	4A	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 Me	thod Blank				Run: TENN	IELEC-4_25062	4A	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: C25060318-005DDU	<b>P</b> 3 Sa	mple Duplic	ate			Run: TENN	IELEC-4_25062	4A	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: RA2	226-1172
Lab ID: LCS-RA226-11723	3 Lat	ooratory Co	ntrol Sample			Run: TENN	IELEC-4_25063	0C	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 Me	thod Blank				Run: TENN	IELEC-4_25063	0C	07/08	3/25 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: B25061882-001HDU	<b>P</b> 3 Sa	mple Duplic	ate			Run: TENN	IELEC-4_25063	0C	07/08	3/25 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							

### Qualifiers:

RL - Analyte Reporting Limit

R - Relative Percent Difference (RPD) exceeds advisory limit

ND - Not detected at the Reporting Limit (RL)

U - Not detected



Prepared by Casper, WY Branch

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

Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
								Batch: RA	228-7691
<b>3</b> 3 Lab	oratory Cor	ntrol Sample	е		Run: TENN	ELEC-4_250630	A	07/03	/25 12:32
	10	pCi/L		112	70	130			
	2.7	pCi/L							
	1.1	pCi/L							
3 Me	thod Blank				Run: TENN	ELEC-4_250630	A	07/03	/25 12:32
	0.4	pCi/L							U
	0.6	pCi/L							
	1	pCi/L							
3 Sai	mple Duplica	ate			Run: TENN	ELEC-4_250630	A	07/03	/25 12:32
	0.31	pCi/L					81	30	UR
	0.64	pCi/L							
	1.0	pCi/L							
	3 3 Lat	3 3 Laboratory Cor 10 2.7 1.1 3 Method Blank 0.4 0.6 1 3 Sample Duplic 0.31 0.64	3 3 Laboratory Control Sampl  10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank 0.4 pCi/L 0.6 pCi/L 1 pCi/L 3 Sample Duplicate 0.31 pCi/L 0.64 pCi/L	3 3 Laboratory Control Sample  10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank 0.4 pCi/L 0.6 pCi/L 1 pCi/L 3 Sample Duplicate 0.31 pCi/L 0.64 pCi/L	3 3 Laboratory Control Sample  10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank 0.4 pCi/L 0.6 pCi/L 1 pCi/L 3 Sample Duplicate 0.31 pCi/L 0.64 pCi/L	3 3 Laboratory Control Sample Run: TENN  10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank Run: TENN  0.4 pCi/L 0.6 pCi/L 1 pCi/L  3 Sample Duplicate Run: TENN  0.31 pCi/L 0.64 pCi/L	3 3 Laboratory Control Sample Run: TENNELEC-4_250630.  10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank Run: TENNELEC-4_250630.  0.4 pCi/L 0.6 pCi/L 1 pCi/L  3 Sample Duplicate Run: TENNELEC-4_250630.  0.31 pCi/L 0.64 pCi/L	3 3 Laboratory Control Sample Run: TENNELEC-4_250630A 10 pCi/L 2.7 pCi/L 1.1 pCi/L  3 Method Blank Run: TENNELEC-4_250630A 0.4 pCi/L 0.6 pCi/L 1 pCi/L  3 Sample Duplicate Run: TENNELEC-4_250630A 0.31 pCi/L 0.64 pCi/L 81	Batch: RA  3 3 Laboratory Control Sample Run: TENNELEC-4_250630A 07/03.  10 pCi/L 112 70 130  2.7 pCi/L  1.1 pCi/L  3 Method Blank Run: TENNELEC-4_250630A 07/03.  0.4 pCi/L  0.6 pCi/L  1 pCi/L  3 Sample Duplicate Run: TENNELEC-4_250630A 07/03.  Run: TENNELEC-4_250630A 07/03.  81 30  81 30

<sup>-</sup> 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.

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

Login completed by: Crystal M. Jones

### B25061882

Date Received: 6/20/2025

Reviewed by:	cindy		Re	eceived by: NLA	
Reviewed Date:	6/21/2025		Ca	rrier name: Return-FedEx NDA	
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present	
Custody seals intact on all s	hipping container(s)/cooler(s)?	Yes √	No 🗌	Not Present	
Custody seals intact on all s	ample bottles?	Yes	No 🗌	Not Present 🗸	
Chain of custody present?		Yes ✓	No 🗌		
Chain of custody signed who	en relinquished and received?	Yes ✓	No 🗌		
Chain of custody agrees wit	h sample labels?	Yes ✓	No 🗌		
Samples in proper container	/bottle?	Yes ✓	No 🗌		
Sample containers intact?		Yes ✓	No 🗌		
Sufficient sample volume for	r indicated test?	Yes ✓	No 🗌		
All samples received within (Exclude analyses that are c such as pH, DO, Res CI, St	considered field parameters	Yes 🗸	No 🗌		
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes ✓	No 🗌	Not Applicable	
Container/Temp Blank temp	erature:	4.6°C Blue Ice			
Containers requiring zero he bubble that is <6mm (1/4").	eadspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board ACCREDITED	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALL COMPANY OF THE PARK OF THE	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv i	Montana	CERT0002
WAS ACCREDING	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
LABORATORY.	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090



# Chain of Custody & Analytical Request Record

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Page 1 of 1

Account Ir	Account Information (Billing information)		Re	port Inf	ormatio	n (if differe	Report Information (if different than Account Information)	unt Informe	tion)		Comments		
Company/Name Linkan	: Linkan		Cor	Company/Name Linkar	Linkan	27.042					Outfall 001A	- Bi-W	Outfall 001A - Bi-Weekly Sample
Contact	Chris Prosper		Cor	Contact	Alex So	Alex Schwiebert	See and						
Phone	775-777-8003		Phone	ne	775-397-6779	6219-1							
Mailing Address	2720 Ruby Vista Dr		Mai	Mailing Address		2720 Ruby Vista Dr	٥̈ـ				Please ema	II Repor	Please email Report and EDD results to:
City, State, Zip	Elko, NV 89801		City	City, State, Zip	Elko, N	Elko, NV 89801					chris.prosper@linkan.com	r@linka	in.com
Email	AP@linkan.com		Email	ail	see co	see comments					adam.billin@linkan.com alex schwiebert@linkan.com	glinkan. pert@lir	com
Receive Invoice	☐ Hard Copy ■Email Receive Report ☐ Hard Copy ■Email	: □Hard Copy ■		eive Report	□Hard C	Receive Report □Hard Copy ■Email	_				peter.hays@state.co.us	state.c	o.us
Purchase Order 25-0152	Quote H17287	Bottle Order	Spe	Special Report/Formats:	ပ္န	■ EDD/EDT	■ EDD/EDT (contact laboratory) □ Other	atory) 🗆 Oth	Jer_	1	,		v
Project Information	ormation			Matrix	Matrix Codes			Analy	Analysis Requested	ested			200
Project Name, F	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	Mine		A - A	Air		əld		•	1			All turnaround times are standard unless marked as
Sampler Name	Byant Heard Sampler Phone 726	6- 977 am	56-669	\$ U	Water Soils/	mui	overa		enla :	pəvlo	muit		RUSH.
Sample Origin 5	ope	EPA/State Compliance   Yes	es 🔲 No		Solids			ially		ssiC	Rad	p	Energy Laboratories MUST be contacted prior to
URANIUM MIN  □ Unprocessed  □ Processed O  □ 11(e)2 Bypro	URANIUM MINING CLIENTS MUST indicate sample type  Unprocessed Ore  Chronicossed Ore  Chronicossed Ore (Ground or Refined) "CALL BEFORE SENDING  11(e) 2 Byroduct Material (Gan ONL'Y be Submitted to ELI Casper Location)	pe SENDING ELI Casper Locat	ion)	0 - O	Bioassay Oil Drinking Water	valent Ch s, Dissolv	s, Total R	s, Potent Ived	de, WAD	imetric Im 226, E	+ 925 mi	edostiA	RUSH sample submittal for charges and scheduling – See Instructions Page
	Sample Identification	Colle	Collection	Number of Containers	Matrix (See Codes			Netal ossiC			dadiu 828		ELI LAB ID
1 Outfall 001A	(Name, Location, merval, etc.)	1965	0551	×	Above)				1	-		•	133
2				3	3							•	
8													
4													
5													
9													
7													
8							_						
6													
Cuetody	ELI is REQUIRED to provide preservative traceability.  [Religuished by (offit) a	ative traceabili		Signature A	supplied	with the bo	Received by (print)	vere NOT	used, plea	se attac	ch your preserv	ative info	If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.    Signature   Signature
Record	Aceredo	C/19/25/1	232		1								
MUST be signed	Relinquished by (print)	Date/Time	Sign	Signature			Received	( Laborator	Wellany		Remens	1035	Signature
	ŀ				LABOR	LABORATORY USE ONLY	ONEY				1 1		
Shipped By	Cooler ID(s) Custody Seals	Intact × N	Receipt Temp		Temp Blank Y N	<u>8</u> z	8	Payme Cash C	Payment Type h Check		\$	Kecel	Keceipt Number (cashcheck 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**

Linkan Engineering SHIPPED

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

Shipped From: Billings, MT Ship Date: 4/17/2025

Order Created by: Yvonna E. Smith

VIA: Ground

Quote Used: 17287

Critical Num Hold of	Preservative Notes S	
	Preser	
Critica	Time	
ă	Tests	
	Method	
Bottles Per	Samp	
	Bottle Size/Type	

Schwartzwalder Mine-Outfall 001A Monthly + Weekly

Project:

Phone:

400 Corporate Circle, Suite H

Contact: Chris Prosper

Golden CO 80401 (719) 247-0564

	2000		if.				EDZ
	Per			Hold			of
Bottle Size/Type	Samp	Method	Tests	Time	Preservative	Notes	Samp
1-4-0 4 / COO - 1-1-004 A 100 II - 34-10		2					

Outfall 001A Weekly COD ( 4 Sets)	ly co	D (4 Set	ts)			
500 mL Plastic	-	E410.4	Chemical Oxygen Demand	H2SO4	-	_
		HACH 8000	HACH 8000 Preparation for COD testing HACH 8000			

Fill to the neck of the container.

Solids, Total Suspended

Outfall 001A Three Times Weekly TSS (12 Sets)

1 A2540 D

1 Liter Plastic Wide

Mouth

Outfall 001A Bi-Weekly ( 2 Sets)	ekly (2	Sets)					
250 mL Plastic	1 A350	00-Cr B	A3500-Cr B Chromium, Hexavalent	24.00 hrs			-
	E300.0		Anions by Ion Chromatography				
250 mL Plastic	1 E200	0.7_8	E200.7_8 Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	-
250 mL Plastic	1 E200	8_7.0	E200.7_8 Metals by ICP/ICPMS, Total Recoverable		HNO3		-
	Calc	ulation	Calculation Chromium, Total Recoverable Trivalent				
	E245.1		Mercury, Total	9			
	E200.2		Metals Digestion by E200.2				
	E245.1		Mercury Digestion by E245.1				

BO#: 193742

1 of 2

250 mL Plastic	1 E200.7_8	1 E200.7_8 Metals by ICP/ICPMS, Potentially Dissolved	HNO3		-
	MCAWW	Preparation, Potentially Dissolved Filtration		a	- Paris
500 mL Amber Plastic	1 Kelada-01	Kelada-01 Cyanide, Weak Acid Dissociable	NaOH		-
250 mL Plastic	1 A4500-S D	A4500-S D Sulfide, Methylene Blue Colorimetric	ZnAc	Zero headspace	1
			NaOH		
1 Gallon Plastic	1 E903.0	Radium 226, Dissolved	HNO3	Filter before preservation	-
1 Gallon Plastic	1 A7500-RA	A7500-RA Radium 226 + Radium 228	HNO3	This now only requires one (1) 15mL	-
	E903.0	Radium 226, Total		nitric acid vial for preservation.	
	RA-05	Radium 228, Total			

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

Comments

NaOH - Sodium Hydroxide	H3PO4 - Phosphoric Acid
Nao	НЗР
H2SO4 - Sulfuric Acid	HCI - Hydrochloric H3PO4 - Pho Acid
HNO3 - Nitric Acid	ZnAc - Zinc Acetate
	<b>M</b>

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

> Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant. Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets

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 D	ate Matrix	Test
B25060769-001	Outfall 001A	06/05/25 13:22 06/09/2	5 Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000
B25060769-002	Outfall 001A	06/05/25 13:22 06/09/2	5 Aqueous	Solids, Total Suspended
B25060769-003	Outfall 001A	06/06/25 14:04 06/09/2	5 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.

B25060769

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

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

CASE NARRATIVE

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine

"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

Work Order:

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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering Schwartzwalder Mine Project: B25060769-002 Lab ID: 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 RL - Analyte Reporting Limit Definitions: QCL - Quality Control Limit

J - Estimated value - analyte was present but less than the

Reporting Limit (RL)

MCL - Maximum Contaminant Level

### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering Schwartzwalder Mine Project: B25060769-003 Lab ID: 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 RL - Analyte Reporting Limit Definitions: QCL - Quality Control Limit

J - Estimated value - analyte was present but less than the

Reporting Limit (RL)

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch

 Work Order:
 B25060769

 Report Date:
 06/16/25

Analyte Co	unt Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D							E	Batch: TSS20	0250609A
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 Cor	ntrol 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 Duplica	ate			Run: BAL #	30_250609A		06/09/	/25 13:35
Solids, Total Suspended TSS @ 105	C 46.4	mg/L	10				7.1	10	



Prepared by Billings, MT Branch

Work Order: B25060769						Repo	ort Date:	06/16/25	
Analyte	Count Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4								Batc	h: 200493
Lab ID: MB-200493	Method Blank				Run: SPEC	3_250611C		06/11/	25 12:54
Oxygen Demand, Chemical (COD	D) ND	mg/L	3						
Lab ID: LCS-200493	Laboratory Co	ntrol Sample			Run: SPEC	3_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: SPEC	3_250611C		06/11/	25 12:54
Oxygen Demand, Chemical (COD	) 139	mg/L	10	98	90	110			
Lab ID: B25060789-001DMSE	Sample Matrix	Spike Duplicate			Run: SPEC	3_250611C		06/11/	25 12:54
Oxygen Demand, Chemical (COD	D) 140	mg/L	10	100	90	110	0.7	10	

Login completed by: Natasha L. Anthony

### **Work Order Receipt Checklist**

### Linkan Engineering

### B25060769

Date Received: 6/9/2025

0 ,	ŕ			
Reviewed by:	cjones		Re	eceived by: EAH
Reviewed Date:	6/16/2025		Ca	rrier name: Return-FedEx NDA
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present
Custody seals intact on all sl	hipping container(s)/cooler(s)?	Yes ✓	No 🗌	Not Present
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present 🗹
Chain of custody present?		Yes ✓	No 🗌	
Chain of custody signed who	en relinquished and received?	Yes ✓	No 🗌	
Chain of custody agrees with	n 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 h (Exclude analyses that are c such as pH, DO, Res CI, Su	onsidered field parameters	Yes √	No 🗌	
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes ✓	No 🗌	Not Applicable
Container/Temp Blank tempe	erature:	13.9°C Blue Ice		
Containers requiring zero he bubble that is <6mm (1/4").	adspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board  A C C R E D I T E D	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALCON TO THE	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv r	Montana	CERT0002
SUAP ACCREDIA	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
CABORATON'S	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

### ENERGY (3)

# Chain of Custody & Analytical Request Record

www.energylab.com

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Page

Account Information (Billing information)	tion)	Report Information (if different than Account Information)	Comments
Company/Name Com	00	Company/Name L/n/6 n	755 COD-Weeky warmen
Contact Chris Prosper	79	Contact Alex 5ch Wiebert	Denn small Report
Phone 775-77	5003	Phone 775-397-6779	and on something.
Mailing Address 2730 Ruly	1 Vista Sto	Mailing Address 3730 Puly Vista Ur	1 manger ( Carlegn. com
City, State, Zip Elko, MV	89807	City, State, Zip Elko M 84807	Chara. M. Met Chillen, com
Email AP@ linkanocom	com	Email	der simme
Receive Invoice	□Hard Copy ☑Email Receive Report □Hard Copy □Email	Receive Report □Hard Copy DEmail	gett, hayre I'm
Purchase Order Quote 17287	Bottle Order 187916	Special Report/Formats:	5
Project Information		Matrix Codes Analysis Requested	
Project Name, PWSID, Permit, etc.			All turnaround unless are standard unless marked as
Sampler Name	Sampler Phone	W- Water Soils/	RUSH.
Sample Origin State	EPA/State Compliance ☐ Yes ☐	Solids Solids ∨- Vegetation	
URANIUM MINING CLIENTS MUST Indicate sample type	sample type		Charges and scheduling –
☐ Unprocessed Ore ☐ Unprocessed Ore ☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING ☐ Trices Sproduct Material (Can ONLY be Submitted to ELI Casper Location)	BEFORE SENDING ubmitted to ELI Casper Location)	O - Oil DW - Drinking	See Instructions Page
Samula Identification	Collection	Number of Matrix	RUSH
(Name, Location, Interval, etc.)	Date Tin	Time Containers (See Codes Above)	
1 200) - Outlall	06/05/25 07.4	17. 72 gm 1 W COB	0.00001
2 755 - Outlell -1	56/05/78 OFT	135 W 735	
3 755 milell -3	40:00 W/20	Phon 1 W 785	
4			
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9			
7			
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ō			
ELI is REQUIRED to provid	ceability.	If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.	ise attach your preservative information with this COC.
Custody Relinquished by print) 5	best Date/10075	Signature Received by (print)	Date/ I me
28		Signature   Received by Laboratory (print)	Desperiment 1040 Signature

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.

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On loe ✓

Shipped By

### 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 R	eceive 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 EngineeringReport Date:06/23/25Project:Schwartzwalder MineCollection Date:06/09/25 14:16Lab ID:B25061225-001DateReceived:06/12/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:06/23/25Project:Schwartzwalder MineCollection Date:06/11/25 14:50Lab ID:B25061225-002DateReceived:06/12/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch

Work Order: B25061225						Repo	rt Date:	06/23/25	
Analyte Co.	unt Result	Units	RL	%REC Lo	w Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C							E	Batch: TDS2	0250613C
Lab ID: MBLK_20250613-6	Method Blank			Ru	ın: Bal #3	0_250613D		06/13	/25 14:09
Solids, Total Dissolved TDS @ 180 C	ND	mg/L	20						
Lab ID: LCS_20250613-4	Laboratory Con	trol Sample		Ru	ın: Bal #3	0_250613D		06/13	/25 14:09
Solids, Total Dissolved TDS @ 180 C	929	mg/L	25	93	90	110			
Lab ID: B25061181-001ADUP	Sample Duplica	te		Ru	ın: Bal #3	0_250613D		06/13	/25 14:09
Solids, Total Dissolved TDS @ 180 C	517	mg/L	25				0.6	10	



Prepared by Billings, MT Branch

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

Analyte Co	unt	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D								I	Batch: TSS20	0250613A
Lab ID: MBLK_20250613-4	Meth	od Blank				Run: BAL #	30_250613B		06/13/	25 09:42
Solids, Total Suspended TSS @ 105	С	ND	mg/L	0.6						
Lab ID: LCS_20250613-2	Labo	ratory Con	trol Sample			Run: BAL #	30_250613B		06/13/	25 09:43
Solids, Total Suspended TSS @ 105	С	102	mg/L	25	102	80	120			
Lab ID: B25061153-001BDUP	Sam	ple Duplica	ate			Run: BAL #	30_250613B		06/13/	25 09:44
Solids, Total Suspended TSS @ 105	С	14.0	mg/L	10				9.3	10	

### **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 F	Run: SPEC3	_250613B
Lab ID: CCV-200579	Co	ntinuing Cal	libration Verificat	ion Standar	d				06/13	/25 15:12
Oxygen Demand, Chemic	al (COD)	51.1	mg/L	5.0	102	90	110			
Method: E410.4									Batc	h: 200579
Lab ID: MB-200579	Me	thod Blank				Run: SPEC	3_250613B		06/13	/25 15:11
Oxygen Demand, Chemic	al (COD)	ND	mg/L	3						
Lab ID: LCS-200579	Lat	ooratory Co	ntrol Sample			Run: SPEC	3_250613B		06/13	/25 15:11
Oxygen Demand, Chemic	al (COD)	23.9	mg/L	5.0	98	90	110			
Lab ID: B25061225-00	D2CMS Sa	mple Matrix	Spike			Run: SPEC	3_250613B		06/13	/25 15:12
Oxygen Demand, Chemic	al (COD)	23.6	mg/L	5.0	97	90	110			
Lab ID: B25061225-00	2CMSD Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250613B		06/13	/25 15:12
Oxygen Demand, Chemic	al (COD)	23.3	mg/L	5.0	95	90	110	1.4	10	

### **Work Order Receipt Checklist**

### Linkan Engineering

Login completed by: Leslie S. Cadreau

### B25061225

Date Received: 6/12/2025

Reviewed by:	cindy		Red	ceived by: SRG
Reviewed Date:	6/21/2025		Carı	rier name: Return-FedEx NDA
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present
Custody seals intact on all sh	nipping container(s)/cooler(s)?	Yes √	No 🗌	Not Present
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present 🗸
Chain of custody present?		Yes √	No 🗌	
Chain of custody signed whe	en 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 h (Exclude analyses that are or such as pH, DO, Res Cl, Su	onsidered field parameters	Yes 🔽	No 🗌	
Temp Blank received in all sh	hipping container(s)/cooler(s)?	Yes 🗸	No 🗌	Not Applicable
Container/Temp Blank tempe	erature:	5.6°C Blue Ice		
Containers requiring zero heabubble that is <6mm (1/4").	adspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board  A C C R E D I T E D	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALCON TO THE	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv r	Montana	CERT0002
SUAP ACCREDIA	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
CABORATON'S	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

### ENERGY (EABORATORIES) INST OUR People. Trust our People.

# Chain of Custody & Analytical Request Record

www.energylab.com

Page 1 of 1

Account	Account Intormation (Billing information)		Nepol Company (in american many Account mormany)			t Illicitization,			
Company/Name Linkan	ne Linkan		Company/Name Linkan	ıkan			Outfall 001A - Weekly Sample	A - Week	ly Sample
Contact	Chris Prosper		Contact	Alex Schwiebert	ərt		+Oute	110011	+OuthalloolA - Quarterly TDC
Phone	775-777-8003		Phone 77	775-397-6779					
Mailing Address	ss 2720 Ruby Vista Dr		Mailing Address 27	2720 Ruby Vista	ta Dr		Please ema	ail Report	Please email Report and EDD results to:
City, State, Zip	Elko, NV 89801		City, State, Zip Ell	Elko, NV 89801	1		chris.prosper@linkan.com	er@linka	n.com
Email	AP@linkan.com		Email se	see comments			adam.billin@linkan.com	@linkan.c	som kan com
Receive Invoice	se □Hard Copy ■Email Receive Report □Hard Copy ■Email	Report	Receive Report	Report □Hard Copy ■Email	nail		peter.hays@state.co.us	Østate.cc	, US ,
Purchase Order 25-0152	er Quote H17287	Bottle Order   1タマナゲス	Special Report/Formats:  ☐ LEVEL IV ☐NELAC	AC AC	■ EDD/EDT (contact laboratory) □ Other	η) 🗆 Other	Times	perce	percentality is
Project In	Project Information	193743	Matrix Codes	S		Analysis Requested	sted		
Project Name,	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	lder Mine	A- Air	9					All turnaround times are
Sampler Name	Brown tough	Sampler Phone 7/238/6169	\$ ¢	biloé	P				RUSH.
Sample Origin	7	EPA/State Compliance ■ Yes □	Solids V - Vegetation			_		ŗ	Energy Laboratories MUST be contacted prior to
URANIUM MII  □ Unprocesse  □ Processed to 11(e)2 Bypr	URANIUM MINING CLIENTS MUST indicate sample type  ☐ Unprocessed Ore ☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING ☐ Trie?2 Byproduct Material (Can ONL'Y be Submitted to ELI Casper Location)	ple type ORE SENDING tted to ELI Casper Location)	B - Bioassay O - Oil DW - Drinking	gnebeuq	iical Oxyi ind   Dissa   Dissa			Attache	RUSH sample submittal for charges and scheduling – See Instructions Page
	Sample Identification (Name, Location, Interval, etc.)	Collection Date Time	Number of Matrix Containers (See Codes	1	Dems			-	RUSH ELI LAB ID TAT Leboratory Use Only
1 Outfall 001A	101A	011. Hi 22/6/9	-	X				•	82556 1225
2 Outfall 001A	101A	0/11/25 14/SD	Sv 2 12	× /	×			•	
3 Outfall 001A	101A	1 52/11/9	-		×			•	
4		*	c 06/12/25						
5		)						_	
9									
7									
80 0									
	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.	servative traceability. If th	e preservatives sup	olied with the	bottle order we	re NOT used, pleas	e attach your presen	vative inform	nation with this COC.
Custody	Relinquished by (pgint)	Date/Time	Signature		Received by (print)	rint)	Date/Time	S	Signature
MUST be signed	Relinquished by (print)	Date/Time	Signatu		Received by L	Received by Laboratory (print)	DateTime	15 /25'd	Signature
				LABORATORY USE ONLY	SE ONLY			Office Series Black	
Shipped By	y Cooler ID(s) Custody Seals	Intact	Receipt Temp Blank	k On Ice		Payment Type	Amount	Receip	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.

SHIPPED

TO

Trust our People. Trust our Data.



## **BOTTLE ORDER 193743**

January Engineering	To report an issue with this order, view Safety
III Englineering	٠,
	Data Sheets, or let us know now we are doing,
	scan here or go to energylab.com/contact-us

Order Created by: Yvonna E. Smith Shipped From: Billings, MT Ship Date: 4/17/2025 VIA: Ground Quote Used: 17287 Schwartzwalder Mine - Outfall 001A Quarterly 400 Corporate Circle, Suite H Golden CO 80401 (719) 247-0564 Chris Prosper Contact: Project: Phone:

Num of Samp	
Notes	
Preservative	
Critical Hold Time	
Tests	
Method	
Bottles Per Samp	
Bottle Size/Tybe	-46. ::

_	_
2	
SOION I	
Tieselvalive	
ב	
I ests	
Method	
Samp	
Bottle Size/Type	

## Solids, Total Dissolved A2540 C Outfall 001A Quarterly 1 Liter Plastic

HNO3 - Nitric Acid		H2SO4 - Sulfuric Acid	NaOH - Sodium Hydroxide
ZnAc - Zinc Acetate	M	HCI - Hydrochloric	H3PO4 - Phosphoric Acid

Comments

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

Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant. Material Safety Data Sheets(MSDS) Available @ EnergyLab.com -> Services -> MSDS Sheets

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.

1 of 1



## **BOTTLE ORDER 193742**

SHIPPED Linkan Engineering TO:

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

Order Created by: Yvonna E. Smith Shipped From: Billings, MT Ship Date: 4/17/2025

VIA: Ground

Quote Used: 17287

Num	of Samp	
	Notes	
	Preservative	
Critical	Hold	
	Tests	
	Method	
	Bottles Per Samp	
	Bottle Size/Type	

Schwartzwalder Mine-Outfall 001A Monthly + Weekly

Phone: Project:

400 Corporate Circle, Suite H

Contact: Chris Prosper

Golden CO 80401 (719) 247-0564

	-	
	H2SO4	
	Chemical Oxygen Demand	HACH 8000 Preparation for COD testing HACH 8000
v COD ( 4 Sets	1 E410.4	HACH 8000 F
Oliffall 001A Weekly COD ( 4 Sets)	500 mL Plastic	

	Outrail Color III Color II	Copromo Contract	Fill to the neck of the container.	_
Liter Plastic Wide	1 A2540 D	1 A2540 D Solids, Lotal Suspended		
		-		

STATE OF A BI-WOOKIN ( 2 SIGHS	Spiral Spiral				
Contract Close Telephone	Wild I - Com				-
250 mL Plastic	1 A3500-Cr B	A3500-Cr B Chromium, Hexavalent	24.00 hrs		
	E300.0	Anions by Ion Chromatography			
		Povloosia andonaci	EONH H	Filter before preservation	_
250 ml Plastic	1 E200.7 8	E200.7 8 Interais by ICP/ICP INO, Disselved			
					_
250 mL Plastic	1 E200.7_8	E200.7_8 Metals by ICP/ICPMS, Total Recoverable	CONT		
		dec Conin T of American			
	Calculation	Calculation Chromium, I otal Recoverable Thyanent			
	1	Total			
	E243.	Meiculy, rotal			
	6 0000	Marale Digestion by F200 2			
	E245 1	Mercury Digestion by E245.1			

BO#: 193742

1 of 2

-		1	Zero headspace 1		Filter before preservation 1	This now only requires one (1) 15mL nitric acid vial for preservation.			Fill to the neck of the container.	-		We strongly suggest that the samples are	shipped the same day as they are collected.		ed contract laboratories for this service. Any such	
HNO3		NaOH	ZnAc	NaOH	EONH I	HNO3				H2SO4		West	shippe	leets	inch laboratories or qualifi	
7_8 Metals by ICP/ICPMS, Potentially Dissolved		a-01 Cyanide, Weak Acid Dissociable	1 A4500-S D Sulfide, Methylene Blue Colorimetric		Radium 226, Dissolved	1	Radium 228, Total		-B Solids, Total Suspended	4 Chemical Oxygen Demand		H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide	Irochloric H3PO4 - Phosphoric Acid	Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets	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.	rayucar Neport.
1 E200.7_8	MCAWW	T Kelada-01	1 A4500-		1 E903.0	1 A7500-RA	E303.0	Hes	2 A2540-B	1 E410.4		H2SO4 - 8	HCI - Hydrochloric Acid	ets(MSDS) Av	s to an outside labo	
250 mL Plastic		500 mL Amber Plastic	250 mL Plastic		1 Gallon Plastic	1 Gallon Plastic		Extra Weekly Supplies	1 Liter Plastic Wide Mouth	500 mL Plastic	Comments	HNO3 - Nitric Acid	ZnAc - Zinc Acetate	Material Safety Data Sher	Subcontracting of sample analyses	Tabol atolics will be indicated with



### 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 R	eceive 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.





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:06/27/25Project:Schwartzwalder MineCollection Date:06/13/25 14:45Lab ID:B25061769-001DateReceived:06/19/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:06/27/25Project:Schwartzwalder MineCollection Date:06/16/25 14:50Lab ID:B25061769-002DateReceived:06/19/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level





Prepared by Billings, MT Branch

Client: Linkan Engineering **Report Date:** 06/27/25 Project: Schwartzwalder Mine Collection Date: 06/18/25 14:10 Lab ID: B25061769-003 DateReceived: 06/19/25 Client Sample ID: Outfall 001A 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 RL - Analyte Reporting Limit Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

### **QA/QC Summary Report**

Prepared by Billings, MT Branch

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

Analyte Co	unt Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D							Е	Batch: TSS20	0250620A
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 Co	ntrol 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 Duplic	ate			Run: BAL #	30_250620D		06/20/	25 10:01
Solids, Total Suspended TSS @ 105	C 14.3	mg/L	10				2.3	10	

Sample Matrix Spike

22.8

24.4

mg/L

mg/L

Sample Matrix Spike Duplicate

**Report Date:** 06/25/25

06/20/25 14:16

06/20/25 14:16

10



Work Order: B25061769

B25061769-003BMS

B25061769-003BMSD

Oxygen Demand, Chemical (COD)

Oxygen Demand, Chemical (COD)

Lab ID:

Lab ID:

### **QA/QC Summary Report**

Prepared by Billings, MT Branch

Analyte	Count Resu	lt Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4							Analytical F	Run: SPEC3	_250620B
Lab ID: CCV-200809	Continuing	Calibration V	erification Standar	rd				06/20/	/25 14:16
Oxygen Demand, Chemical (COD	50.	2 mg/L	5.0	100	90	110			
Method: E410.4								Batc	h: 200809
Lab ID: MB-200809	Method Bla	nk			Run: SPEC	3_250620B		06/20/	/25 14:16
Oxygen Demand, Chemical (COD	) N	D mg/L	3						
Lab ID: LCS-200809	Laboratory	Control Samp	ple		Run: SPEC	3_250620B		06/20/	/25 14:16
Oxygen Demand, Chemical (COD	25.	3 mg/L	5.0	104	90	110			

5.0

5.0

93

100

### **Qualifiers:**

Run: SPEC3\_250620B

Run: SPEC3\_250620B

110

110

7.1

90

90

### **Work Order Receipt Checklist**

### Linkan Engineering

Login completed by: Darcy Chirrick

### B25061769

Date Received: 6/19/2025

Icadreau		Red	ceived by: SRG
6/26/2025		Carr	ier name: Return-FedEx NDA
good condition?	Yes ✓	No 🗌	Not Present
nipping container(s)/cooler(s)?	Yes ✓	No 🗌	Not Present
ample bottles?	Yes	No 🗌	Not Present ✓
	Yes 🗸	No 🗌	
en relinquished and received?	Yes 🗸	No 🗌	
n sample labels?	Yes 🗸	No 🗌	
/bottle?	Yes 🗸	No 🗌	
	Yes 🗸	No 🗌	
indicated test?	Yes 🗸	No 🗌	
nolding time? onsidered field parameters Ifite, Ferrous Iron, etc.)	Yes 🔽	No 🗌	
hipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Applicable
erature:	2.6°C Blue Ice		
adspace have no headspace or	Yes	No 🗌	No VOA vials submitted
receipt?	Yes ✓	No 🗌	Not Applicable
	6/26/2025  good condition?  nipping container(s)/cooler(s)?  ample bottles?  en relinquished and received?  n sample labels?  /bottle?  indicated test?  nolding time? onsidered field parameters  Ifite, Ferrous Iron, etc.)  hipping container(s)/cooler(s)?  erature:  adspace have no headspace or	good condition?  good condition?  hipping container(s)/cooler(s)?  ample bottles?  Yes ☑  In sample labels?  Yes ☑  Anolding time?  Onsidered field parameters  Iffite, Ferrous Iron, etc.)  hipping container(s)/cooler(s)?  Yes ☑  2.6°C Blue Ice  adspace have no headspace or	good condition?  Yes  No  No  nipping container(s)/cooler(s)?  Yes  No  No  No  No  No  No  No  No  No  N

### **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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board ACCREDITED	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALL COMPANY OF THE PARK OF THE	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv i	Montana	CERT0002
WAS ACCREDING	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
LABORATORY.	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

Trust our People. Trust our Data

# Chain of Custody & Analytical Request Record

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<u>n</u>

Account	Account Intormation (Billing information)	nformation)		Kep	Report Intormation (if different than Account Information)	tion (if differen	t than Accou	int Information)	Con	comments			
Company/Name Linkan	e Linkan			Comp	Company/Name Linkan	an			Out	Outfall 001A - Weekly Sample	<b>Neekly Sa</b>	ample	
Contact	Chris Prosper			Contact	125	Alex Schwiebert							
Phone	775-777-8003			Phone	100	775-397-6779							
Mailing Address	s 2720 Ruby Vista Dr	7.		Mailin	Mailing Address 2720	2720 Ruby Vista Dr	Dr		Plez	ase email R	eport and	Please email Report and EDD results to:	
City, State, Zip	Elko, NV 89801			City, 8	City, State, Zip Elko,	Elko, NV 89801			chris	chris.prosper@linkan.com	linkan.cor	Ε	
Email	AP@linkan.com			Email	835	see comments			ada	adam.billin@linkan.com	ikan.com	8	
Receive Invoice	e □Hard Copy ■Email Receive Report □Hard Copy ■Emai	Receive Report	□Hard Copy ■E	_	Receive Report	d Copy ■Email			pete	alex.scriwieber (@ilrikari peter havs@state.co.us	ate co.us		
Purchase Order 25-0152	r Quote H17287	Bo	Bottle Order	Specia	Special Report/Formats:	: ■ EDD/EDT (contact laboratory) □ Other	contact laboral	on)   Other		)			
Project Information	formation				Matrix Codes			Analysis Requested	nested		Ļ		
Project Name,	Project Name, PWSID, Permit, etc. Schwarfzwalder Mine	wartzwalder M	line		A- Air	5					A ct	All turnaround times are	are d as
Sampler Name	Buart According		Sampler Phone 726-238	38-(169	W- Water Soils/	sbiloé					010	RUSH.	8
Sample Origin	Sample Origin State Colorado	EPA/State Compliance	ompliance 🔳 Yes	oN 🗆 se	Solids V - Vegetation							Energy Laboratories MUST be contacted prior to	s or to
URANIUM MINING C  Unprocessed Ore	URANIUM MINING CLIENTS MUST indicate sample type  □ Unprocessed Ore □ Processed Ore (Ground or Refined) "CALL BEFORE SENDING	icate sample type	ENDING		B - Bioassay O - Oil DW - Drinking	bnəqsu gyxO lec					ttacheo	RUSH sample submittal for charges and scheduling – See Instructions Page	Il for
11(e)z bypro	oduct Material (Can Unit 1	be Submitted to E	LI Casper Locau			s ls	ueu				A 9	<u>.</u>	
	Sample Identification (Name, Location, Interval, etc.)	ion tc.)	Date	ime	Number of NidtIIX Containers (See Codes Above)	toT					Se	ELI LAB ID Laboratory Use Only	
1 Outfall 001A	01A		0/13/25	Shhl	1,1						•	3000	115
2 Outfall 001A	01A		6/16/25	1450	3						•		<b>)</b>
3 Outfall 001A	01A		1/8/18	2	2 2						•		
4 2													
9									F				
7	3												
& G													
	ELI is REQUIRED to provide preservative traceability.	ovide preservat	ive traceabilit		rvatives supplie	d with the bot	tle order we	f the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.	ease attach you	ur preservative	e information	with this COC.	
Custody	Relinquished by (print)	المعر	125/2	Signature Signature	S CANON		Received by (print)	print)	Date/Time	me	Signature		
MUST be signed	Relinquished by (print)	ď	Date/Time	Signature	₽ Le		Received by	Received by Laboratory (print)	Date/Time	S.01 X	Signature	Chi Dod	
				Marie Control of the	WAS LEADER	LABORATORY USE ONLY	NIC	) )	-	Several distribution	)		S. Della Halland
Shipped By	Cooler ID(s)	Custody Seals	_ Intact ≺	Receipt Temp	Temp Blank ≺ N	<u>გ</u> ~	20	Payment Type Cash Check	₩ A	Amount \$	Receipt Numb	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.

Trust our People. Irust our Data. www.energylab.com



### **BOTTLE ORDER 186843**

To report an issue with this order, view Safety \*\*\*\*\* This is a recurring bottle order. If you have received this in error please contact your laboratory \*\*\*\*\*

Linkan Engineering

SHIPPED

Data Sheets, or let us know how we are doing,

							scan here or go to energylab.com/contact-us	
Contact	Contact: Brendan Smith						Order Created by: Yvonna E. Smith	h
	400 Corporate Circle, Suite H	cle, Suite	·H				Shipped From: Billings, MT	
	Golden CO 80401						Ship Date: 9/10/2024	
Phone:	(775) 389-5582						VIA: Ground	
Project:	Schwartzwalder Mine - Weekly	line - Wee	ekly				Quote Used: 17287	
		Bottles Per			Critical Hold	50		Num
ă	Bottle Size/Type	Samp	Method	Tests	Time	Preservative	Notes	Samp
3	1004 8 181		9					
Court	Outrall 001A Weekly COD	KIN C	מי					
500 m	500 mL Plastic	1	E410.4	Chemical Oxygen Demand		H2SO4		_
_			HACH 8000	HACH 8000 Preparation for COD testing HACH 8000				

Comments		

Solids, Total Suspended

1 A2540 D

1 Liter Plastic Wide

Mouth

Outfall 001A 3 Times Weekly TSS ( 3 Sets)

Fill to the neck of the container

HNO3 - NITTIC ACID	HZSO4 - Sulluric Acid	8	Itric Acid H2504 - Suituric Acid NaOri - Sodium nyaloxide	we stron
ZnAc - Zinc Acetate	nc Acetate HCI - Hydrochloric		H3PO4 - Phosphoric Acid	shipped t
	Acid			

ne same day as they are collected. gly suggest that the samples are

> Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant. Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets

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. ,

1 of 1

### 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 R	eceive 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 EngineeringReport Date:07/02/25Project:Schwartzwalder MineCollection Date:06/20/25 14:45Lab ID:B25062376-001DateReceived:06/26/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

 Client:
 Linkan Engineering
 Report Date:
 07/02/25

 Project:
 Schwartzwalder Mine
 Collection Date:
 06/23/25 13:30

 Lab ID:
 B25062376-002
 DateReceived:
 06/26/25

 Client Sample ID:
 Outfall 001A
 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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering **Report Date:** 07/02/25 Schwartzwalder Mine Project: Collection Date: 06/25/25 14:00 Lab ID: B25062376-003 DateReceived: 06/26/25 Client Sample ID: Outfall 001A 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 RL - Analyte Reporting Limit Definitions:

QCL - Quality Control Limit

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

MCL - Maximum Contaminant Level

### **QA/QC Summary Report**

Prepared by Billings, MT Branch

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

Analyte Cou	nt Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D							E	Batch: TSS20	0250627A
Lab ID: MBLK_20250627-5	Method Blank				Run: BAL #	30_250627A		06/27	/25 11:12
Solids, Total Suspended TSS @ 105 C	ND ND	mg/L	0.6						
Lab ID: LCS_20250627-3	Laboratory Con	trol 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 Duplica	ate			Run: BAL #	30_250627A		06/27	/25 11:13
Solids, Total Suspended TSS @ 105 C	5.40	mg/L	10					10	J

RL - Analyte Reporting Limit

 ${\bf J}$  - 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 Qua

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4								Analytical F	Run: SPEC3	_250627B
Lab ID: CCV-201006	Co	ntinuing Cal	ibration Verificatio	n Standaı	rd				06/27	/25 15:21
Oxygen Demand, Chemical (COI	D)	53.7	mg/L	5.0	107	90	110			
Method: E410.4									Batc	h: 201006
Lab ID: MB-201006	Me	thod Blank				Run: SPEC	3_250627B		06/27	/25 15:20
Oxygen Demand, Chemical (COI	D)	ND	mg/L	3						
Lab ID: LCS-201006	La	boratory Cor	ntrol Sample			Run: SPEC	3_250627B		06/27	/25 15:20
Oxygen Demand, Chemical (COI	D)	23.3	mg/L	5.0	95	90	110			
Lab ID: B25062319-004CMS	Sa	mple Matrix	Spike			Run: SPEC	3_250627B		06/27	/25 15:21
Oxygen Demand, Chemical (COI	D)	50.7	mg/L	5.0	108	90	110			
Lab ID: B25062319-004CMS	<b>D</b> Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250627B		06/27	/25 15:21
Oxygen Demand, Chemical (COI	D)	51.1	mg/L	5.0	110	90	110	0.7	10	

### **Work Order Receipt Checklist**

### Linkan Engineering

Login completed by: Laura M. Barlage

### B25062376

Date Received: 6/26/2025

Reviewed by:	jmiller			Received by: NLA	
Reviewed Date:	7/2/2025		C	Carrier name: Return-FedEx NDA	
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present	
Custody seals intact on all sh	nipping container(s)/cooler(s)?	Yes 🗸	No 🗌	Not Present	
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present 🗹	
Chain of custody present?		Yes 🔽	No 🗌		
Chain of custody signed whe	n 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 h (Exclude analyses that are co such as pH, DO, Res CI, Su	onsidered field parameters	Yes ✓	No 🗌		
Temp Blank received in all sh	nipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Applicable	
Container/Temp Blank tempe	erature:	6.0°C Blue Ice			
Containers requiring zero heabubble that is <6mm (1/4").	adspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board  A C C R E D I T E D	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALCON TO THE	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv r	Montana	CERT0002
SUAP ACCREDIA	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
CABORATON'S	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

	rust our Data.
ENERGY	Trust our People. 1

# Chain of Custody & Analytical Request Record

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of 1	
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Page	

Account I	Account Information (Billing information)	nformation)		Re	port Informa	ation (If d	ferent than A	Report Information (if different than Account Information)	Comments	Ş	
Company/Name Linkan	e Linkan			Com	Company/Name Linkan	can			Ontfall 00	1A - We	Outfall 001A - Weekly Sample
Contact	Chris Prosper			Contact		Alex Schwiebert	pert				
Phone	775-777-8003			Phone		775-397-6779	0				
Mailing Address	s 2720 Ruby Vista Dr	J.		Maili	Mailing Address 272	2720 Ruby Vista Dr	sta Dr		Please em	nail Ren	Please email Report and EDD results to:
City, State, Zip	Elko, NV 89801			City.	City, State, Zip Elko	Elko, NV 89801	01		chris.prosper@linkan.com	per@linl	kan.com
Email	AP@linkan.com			Email		see comments	ts		adam.billin@linkan.com	@linka	n.com
Receive Invoice	☐Hard Copy ■Email	Receive Report	□Hard Copy ■E		Receive Report		■Email		alex.schwiebert@linkan	ebert@	alex.schwiebert@linkan.com neter havs@state.co.us
Purchase Order 25-0152	r Quote H17287	Bo	Bottle Order 193子ピ	Speci	Special Report/Formats: ☐ LEVEL IV ☐ NELAC		EDT (contact la	■ EDD/EDT (contact laboratory) □ Other		alarica)	000
Project Information	formation		k.		Matrix Codes			Analysis Requested	ested		
Project Name, F	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	wartzwalder M	line		A- Air						All turnaround times are
Sampler Name	Sampler Name Burent Heure	Sampler Phone	Sampler Phone 7-06-23	8-46	W- Water Solls/	spilo					standard unless marked as RUSH.
Sample Origin	Sample Origin State Colorado	EPA/State Compliance	mpliance Tyes	oN 🗆	Solids V - Vegetation	S be	uəl				Energy Laboratories
URANIUM MIN  Unprocessed  Processed O	URANIUM MINING CLIENTS MUST indicate sample type  □ Unprocessed Ore □ Processed Ground or Refined) **CALL BEFORE SENDING □ Trocessed Ground (Gan ONLY be Submitted to ELI Casper Location)	icate sample type CALL BEFORE SE be Submitted to E	ENDING LI Casper Location	on)	B - Bioassay O - Oil DW - Drinking	puədsng	ical Oxyg			hedzened	RUSH sample submittal for charges and scheduling – See Instructions Page
	Sample Identification	on	Collec	c	Number of Matrix		ews peu			99	ELILAB ID
	(Name, Location, Interval, etc.)	(c.)	Date				D C			S	TAT Laboratory Use Only
1 Outfall 001A	01A		50/00/5	145	3					•	B25062371
2 Outfall 001A	01A		6,23,75	1330	3					•	
3 Outfall 001A	01A		6/25/25	1400	3					•	
4											
5	a										
9											
7											
8											
0											
	I is REQUIRED to pro	vide preservati	ive traceability	/. If the pres	ervatives suppli	ed with the	bottle orde	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.	e attach your preser	vative info	ormation with this COC.
>-	Rejinquished by (print)	٥,	Pate/Time/S/1/S	30 Signature	The Box		Received	Received by (print)	Date/Time		Signature
MUST be signed	Remquished by (print)	De	Date/Time	Signature			RECEIVE	by Laboratory (gride)	O Date Time h	-102	Bigpatere
	-					LABORATORY USE ONLY	SEONLY		12		
Sulpped By	Cooler ID(s)	Custody Seals	Intact Y	Receipt Temp °C	Temp Blank Y N	<u>8</u> z 5≻	8	Payment Type Cash Check	Amount \$	Rece	Receipt Number (cash/check only)





### **BOTTLE ORDER 193742**

Linkan Engineering SHIPPED TO:

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

Shipped From: Billings, MT

Order Created by: Yvonna E. Smith

Ship Date: 4/17/2025 VIA: Ground

Quote Used: 17287

Num of Samp Critica Bottles

Schwartzwalder Mine-Outfall 001A Monthly + Weekly

Project: Phone:

400 Corporate Circle, Suite H

Contact: Chris Prosper

Golden CO 80401 (719) 247-0564

Bottle Size/Type Samp Method Tests Time Preservative Notes S		. Per	g.*		Hold			2
	Bottle Size/Type	Samp		Tests	Time	Preservative	Notes	Ö

Outfall 001A Weekly COD (4 Sets)	COD (4 Set	s)		W.	
500 mL Plastic	1 E410.4	Chemical Oxygen Demand		H2SO4	-
	HACH 8000	HACH 8000 Preparation for COD testing HACH 8000	s		

1 Liter Plastic Wide Mouth	1	A2540 D	1 A2540 D Solids, Total Suspended	Fill to the neck of the container.	-
Outfall 001A Bi-Weekly ( 2 Sets)	eekly (	(2 Sets)		2	
-:1	*	0.0000			

Outfall 001A Three Times Weekly TSS (12 Sets)

Outrall 001A BI-Weekly ( 2 Sets)	ekiy ( 2 Se	(S)				
250 mL Plastic	1 A3500-C	A3500-Cr B Chromium, Hexavalent	24.00 hrs			-
	E300.0	Anions by Ion Chromatography			c	
250 mL Plastic	1 E200.7	E200.7_8 Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	-
250 mL Plastic	1 E200.7	E200.7_8 Metals by ICP/ICPMS, Total Recoverable		HNO3		-
	Calculat	Calculation Chromium, Total Recoverable Trivalent				
	E245.1	Mercury, Total		ē		
	E200.2	Metals Digestion by E200.2				
	E245.1	Mercury Digestion by E245.1				

BO#: 193742

1 of 2

250 mL Plastic		1 E200.7_8	Metals by ICP/ICPMS, Potentially Dissolved	HNO3		_
		MCAWW	Preparation, Potentially Dissolved Filtration			
500 mL Amber Plastic	1	1 Kelada-01	Cyanide, Weak Acid Dissociable	NaOH		-
250 mL Plastic	_	1 A4500-S D	1 A4500-S D Sulfide, Methylene Blue Colorimetric	ZnAc	Zero headspace	-
				NaOH		
1 Gallon Plastic	L	1 E903.0	Radium 226, Dissolved	HNO3	Filter before preservation	~
1 Gallon Plastic	L	1 A7500-RA	Radium 226 + Radium 228	HNO3	This now only requires one (1) 15mL	~
		E903.0	Radium 226, Total		nitric acid vial for preservation.	
		RA-05	Radium 228, Total			
<b>Extra Weekly Supplies</b>	plies					
1 Liter Plastic Wide Mouth	2	2 A2540 D	Solids, Total Suspended		Fill to the neck of the container.	~
500 mL Plastic	1	1 E410.4	Chemical Oxygen Demand	H2SO4		~
Comments	,				2	
HNO3 - Nitric Acid	Ξ	H2SO4 - Sulfuric Acid	ic Acid NaOH - Sodium Hydroxide	We str	We strongly suggest that the samples are	are
ZnAc - Zinc Acetate	IĄ	HCI - Hydrochloric Acid	oric H3PO4 - Phosphoric Acid	shipped	shipped the same day as they are collected.	sted.
Material Safety Data She	ets(MS	SDS) Availab	Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets			
Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and	Ilfuric, Pr	hosphoric, Hydra	chloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	tant.		
Subcontracting of sample analyses to an outside laboratory may be required. laboratories will be indicated within the Laboratory Analytical Report.	es to an o	outside laboratory ooratory Analytica	may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such Report.	boratories or qualified	contract laboratories for this service. Any such	

### **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 Rec	eive 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.





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:07/14/25Project:Schwartzwalder MineCollection Date:06/27/25 14:15Lab ID:B25070213-001DateReceived:07/02/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



### LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:07/14/25Project:Schwartzwalder MineCollection Date:06/30/25 14:00Lab ID:B25070213-002DateReceived:07/02/25Client Sample ID:Outfall 001AMatrix: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 RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level





Prepared by Billings, MT Branch

Client: Linkan Engineering **Report Date:** 07/14/25 Project: Schwartzwalder Mine **Collection Date:** 07/01/25 14:10 Lab ID: B25070213-003 DateReceived: 07/02/25 Client Sample ID: Outfall 001A 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

RL - Analyte Reporting Limit Report Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

### **QA/QC Summary Report**

Prepared by Billings, MT Branch

Work Order: B25070213 Report Date: 07/14/25

Analyte Co	unt Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D							E	Batch: TSS20	0250703A
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 Cor	ntrol 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 Duplic	ate			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 Duplic	ate			Run: BAL #	30_250703B		07/03/	25 09:34
Solids, Total Suspended TSS @ 105	C 85.0	mg/L	12				7.4	10	



### **QA/QC Summary Report**

Prepared by Billings, MT Branch

Work Order: B25070213							Re	port Date:	07/14/25	
Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4								Analytical I	Run: SPEC3	_250703B
Lab ID: CCV-201171	Co	ntinuing Cal	ibration Verifi	cation Standar	rd				07/03	/25 13:58
Oxygen Demand, Chemical (COI	<b>D</b> )	49.2	mg/L	5.0	98	90	110			
Method: E410.4									Bato	h: 201171
Lab ID: MB-201171	Me	thod Blank				Run: SPEC	3_250703B		07/03	/25 13:58
Oxygen Demand, Chemical (COI	O)	ND	mg/L	3						
Lab ID: LCS-201171	Lat	ooratory Co	ntrol Sample			Run: SPEC	3_250703B		07/03	/25 13:58
Oxygen Demand, Chemical (COI	D)	23.1	mg/L	5.0	95	90	110			
Lab ID: B25070255-001CMS	Sa	mple Matrix	Spike			Run: SPEC	3_250703B		07/03	/25 13:58
Oxygen Demand, Chemical (COI	<b>)</b>	25.6	mg/L	5.0	105	90	110			
Lab ID: B25070255-001CMSI	D Sa	mple Matrix	Spike Duplica	ate		Run: SPEC	3_250703B		07/03	/25 13:58
Oxygen Demand, Chemical (COI	D)	25.3	mg/L	5.0	104	90	110	1.3	10	

Login completed by: Natasha L. Anthony

### **Work Order Receipt Checklist**

### Linkan Engineering

### B25070213

Date Received: 7/2/2025

Reviewed by:	ysmith		Re	ceived by: DNH
Reviewed Date:	7/11/2025		Car	rier name: Return-FedEx NDA
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present
Custody seals intact on all sh	nipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Present
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present ✓
Chain of custody present?		Yes 🗹	No 🗌	
Chain of custody signed whe	en 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 h (Exclude analyses that are co such as pH, DO, Res Cl, Su	onsidered field parameters	Yes 🗹	No 🗌	
Temp Blank received in all sl	hipping container(s)/cooler(s)?	Yes ✓	No 🗌	Not Applicable
Container/Temp Blank tempe	erature:	4.5°C On Ice		
Containers requiring zero heabubble that is <6mm (1/4").	adspace have no headspace or	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 <a href="www.energylab.com">www.energylab.com</a> website:

	Agency	Number
	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
Billings, MT	Florida (Primary NELAP)	E87668
	Idaho	MT00005
d	Louisiana	05079
ANAB	Montana	CERT0044
ANSI National Accreditation Board ACCREDITED	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALL THE STREET	National Radon Proficiency	109383-RMP
TNI	Oregon	4184
BORATON	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
Casper, WY	Louisiana	05083
cusper, vv i	Montana	CERT0002
WAS ACCREDING	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
LABORATORY.	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
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090



# Chain of Custody & Analytical Request Record

www.energylab.com

Page 1 of 1

Alex Schwiebert  T75-397-6779  Address 2720 Ruby Vista Dr  ate, Zip Elko, NV 89801  see comments  see comments  see comments  See comments  Analysis Requested  Analys	CompanyName Linkan   Chris Proper   CompanyName Linkan   CompanyName Linkan   Chris Proper   CompanyName Linkan   Chris Proper   Chris Proper   CompanyName Linkan   Chris Proper   Chri	ACCOUNT INTOTINATION (Billing Information)		Aeport Information (if different than Account Information)	nt than Account Information)	Collinents
Contact	Contact   T15-177-8000	Company/Name Linkan	O	company/Name Linkan		Outfall 001A - Weekly Sample
Phone   175-377-8003	Phone   775-377-8003		U			
Please empile   Please	Please empile Report a particular properties   Please empile Report   Please   Pleas	296	<u>.</u>			
A	State   Stat		2		Dr	Please email Report and EDD results to:
See Comments   AP@linkan.com   See Comments   See	Email					chris.prosper@linkan.com
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Project Name, PWSID, Permit, etc. Schwartzwalder Mine  wroper Name Expand Acade  Sample Origin State Colorado  EPA/State Compilance (E. Yes, Child Processed One Collection)  Trigo Expond of Signal (Carollo)	Processor   Parameter   Para	Project Information		Matrix Codes	Analysis Requested	
The state of the following control of the state of the st	THOUSE PRODUCED CLIENTS MUST indicate sample type of the Sample Colorado (Sampler Phone \$1/338/ClfC)   W. Water Processed Control Client Sample Colorado (Sampler Client)   Sampler Client Sampler Sampler Client Sampler Sampler Client Sampler Sample	Project Name, PWSID, Permit, etc. Schwartzwalder M	Aine	Air		All turnaround times are
Any control of the Colorado  Sample Colorado  Outfall Oo1A  Outfall Oo1A  ELI IS REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative besigned by the supplied with the bottle corder were NOT used, please attach your preservative by the supplied with the bottle corder were NOT used. The supplied with the bottle corder were NOT used, please attach your preservative traceability. The preservative traceability is the preservative traceability is the preservative traceability. The preservative traceability is the preservative traceability is the preservative traceability is the preservative traceability is the preservative traceability. The preservative traceability is the	Processed One Colorado	del	1238/6	W- Water Soils/		NOSA.
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Sample Identification   Collection   Number of Regions   Page	Sample Identification   Collection   Colle	URANIUM MINING CLIENTS MUST indicate sample type  □ Unprocessed Ore □ Processed Ore (Ground or Refined) "CALL BEFORE SE □ 11(e)2 Byproduct Material (Can ONL'Y be Submitted to E	e ENDING ELI Casper Location)	Bioassay Oil Drinking Water Suspension	put	
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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.

Trust our People. Trust our Data. www.energylab.com

### **BOTTLE ORDER 186995**



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

Linkan Engineering SHIPPED TO:

Schwartzwalder Mine - Weekly

Project:

Phone:

400 Corporate Circle, Suite H

Brendan Smith

Contact:

Golden CO 80401 (775) 389-5582

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

Shipped From: Billings, MT Ship Date: 9/17/2024

Order Created by: Yvonna E. Smith

Quote Used: 17287

VIA: Ground

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
Outfall 001A Weekly COD	kly CO	Q					
500 mL Plastic	7	E410.4	Chemical Oxygen Demand		H2SO4		-
		HACH 8000	HACH 8000 Preparation for COD testing HACH 8000				
		8					
Outfall 001A 3 Times Weekly TSS (3 Sets)	mes W	eekly TS.	S (3 Sets)				
1 Liter Plastic Wide		A2540 D	Solids, Total Suspended			Fill to the neck of the container.	_

Comments

Mouth

	JS) Available @ EnergyLab.com ->Services -> MSDS Sheets	(MSDS) Available @ Ener	heets(	Material Safety Data Sheets (MSD)	Σ
		Acid			
snipped the same day as	H3PO4 - Phosphoric Acid	Hydrochloric		ZnAc - Zinc Acetate	
We strongly suggest that	H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide	H2SO4 - Sulfuric Acid		HNO3 - Nitric Acid	

they are collected t the samples are

1 of 1

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.

BO#: 186995