

Permits and Enforcement Section Water Quality Control Division CPDHE 4300 Cherry Creek Dr. South Denver, CO 80246-1530 08/28/2025 25US0221

Re: Discharge Monitoring Report for July 2025 Schwartzwalder Mine CO0001244

TO WHOM IT MAY CONCERN:

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

During the month of July 2025, 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.

The Total Suspended Solids (TSS) samples taken on July 4th, 7th and 9th were incorrectly analyzed for Total Dissolved Solids (TDS) because of a mistake from Energy Labs. The mistake wasn't found until after the holding time. Attached is a letter from Energy Labs describing the issue. All other TSS samples during the month of July were Non-Detect (ND). Energy Labs assures this mistake will not happen in the future.

Best regards, Linkan

Patale Doly

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



Enclosures:

July 2025 DMR Submittal Letter from Energy Labs

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

Linkan Engineering

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

Revised Date: 08/28/25 **Report Date:** 07/16/25

CASE NARRATIVE

Project: Schwartzwalder Mine Work Order: B25070838

Revised Report 8/28/2025;

CLIENT:

Due to a laboratory error, total dissolved solids were analyzed instead of total suspended solids as specified on the chain of custody. The error was found after the hold time for total suspended solids had expired.

We apologize for the error and the charge for the workorder will be removed.

ANALYTICAL SUMMARY REPORT

August 11, 2025

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

Work Order: B25071646 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 7/18/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25071646-001	Outfall 001A	07/15/25 14:30	0 07/18/25	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 Colorime

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: 08/11/25

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine

Work Order: B25071646 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:
 08/11/25

 Project:
 Schwartzwalder Mine
 Collection Date:
 07/15/25 14:30

 Lab ID:
 B25071646-001
 DateReceived:
 07/18/25

 Client Sample ID:
 Outfall 001A
 Matrix:
 Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL Method	Analysis Date / By
INORGANICO						
INORGANICS				4	F000 0	07/40/05 00 50 /
Chloride		mg/L		1	E300.0	07/19/25 00:56 / caa
Sulfate		mg/L		1	E300.0	07/19/25 00:56 / caa
Fluoride		mg/L	J	0.1	E300.0	07/19/25 00:56 / caa
Cyanide, Weak Acid Dissociable		ug/L		1 0.04	Kelada-01 A4500-S D	07/18/25 13:30 / fap
Sulfide	ND	mg/L		0.04	A4500-S D	07/21/25 16:59 / pmw
METALS, DISSOLVED						
Chromium, Hexavalent	ND	ug/L	Н	10	A3500-Cr B	07/18/25 15:29 / mjb
Iron	10	U	J	20	E200.8	07/22/25 18:52 / aem
Manganese	1	ug/L		1	E200.8	07/22/25 18:52 / aem
METALS, POTENTIALLY DISSOLVED						
Cadmium	ND	ug/L		1	E200.8	07/22/25 21:13 / aem
Copper	0.1	ug/L	JL	0.5	E200.8	07/23/25 17:19 / aem
Nickel	0.2	ug/L	J	5	E200.8	07/22/25 21:13 / aem
Selenium	ND	ug/L		1	E200.8	07/22/25 21:13 / aem
Silver	ND	ug/L	L	0.04	E200.8	07/22/25 21:13 / aem
Zinc	5	ug/L	J	10	E200.8	07/22/25 21:13 / aem
METALS, TOTAL RECOVERABLE						
Arsenic	6	ug/L		1	E200.8	07/26/25 10:25 / jks
Chromium	ND	ug/L		5	E200.8	07/26/25 10:25 / jks
Chromium, Trivalent	ND	ug/L		10	0	07/28/25 08:24 / bap
Iron	20	ug/L		20	E200.8	07/26/25 10:25 / jks
Uranium	9	ug/L		0.3	E200.8	07/26/25 10:25 / jks
METALS, TOTAL						
Antimony	ND	ug/L		1	E200.8	07/26/25 10:25 / jks
Boron	180	ug/L		50	E200.7	07/23/25 15:31 / jaw
Mercury	ND	ug/L		0.1	E245.1	07/21/25 16:39 / mjb
Thallium	ND	ug/L		0.5	E200.8	07/26/25 10:25 / jks
RADIONUCLIDES - DISSOLVED						
Radium 226	0.1	pCi/L	U		E903.0	08/07/25 13:18 / eli-ca
Radium 226 precision (±)	0.1	pCi/L			E903.0	08/07/25 13:18 / eli-ca
Radium 226 MDC	0.2	pCi/L			E903.0	08/07/25 13:18 / eli-ca
RADIONUCLIDES - TOTAL						
Radium 226	0.1	pCi/L	U		E903.0	08/06/25 17:15 / eli-ca
Radium 226 precision (±)		pCi/L			E903.0	08/06/25 17:15 / eli-ca
Radium 226 MDC		pCi/L			E903.0	08/06/25 17:15 / eli-ca
Radium 228		pCi/L	U		RA-05	07/30/25 16:02 / eli-ca
Radium 228 precision (±)	0.5	pCi/L			RA-05	07/30/25 16:02 / eli-ca
Radium 228 MDC	0.9	pCi/L			RA-05	07/30/25 16:02 / eli-ca
Radium 226 + Radium 228	0.5	pCi/L	U		A7500-RA	08/07/25 10:47 / eli-ca

Report Definitions:

RL - Analyte Reporting Limit

ons: QCL - Quality Control Limit

H - Analysis performed past the method holding time

L -Lowest available reporting limit for the analytical method used and/or volume submitted

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)

 $\mbox{\bf J}$ - Estimated value - analyte was present but less than the Reporting Limit (RL)

U - Not detected

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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:08/11/25Project:Schwartzwalder MineCollection Date:07/15/25 14:30Lab ID:B25071646-001DateReceived:07/18/25Client Sample ID:Outfall 001AMatrix:Aqueous

Analyses	Result Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL						
Radium 226 + Radium 228 precision (±)	0.6 pCi/L				A7500-RA	08/07/25 10:47 / eli-ca
Radium 226 + Radium 228 MDC	0.9 pCi/L				A7500-RA	08/07/25 10:47 / eli-ca

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch

Work O	der: B25071646							Re	port Date:	07/28/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	A3500-Cr B								Analytical F	Run: SPEC3	_250718A
Lab ID:	CCV	Cor	ntinuing Cal	ibration Verifica	tion Standar	d				07/18	/25 11:28
Chromium,	, Hexavalent		0.0990	mg/L	0.010	99	90	110			
Method:	A3500-Cr B									Batch:	R446058
Lab ID:	MBLK	Met	hod Blank				Run: SPEC	3_250718A		07/18	/25 11:28
Chromium,	, Hexavalent		ND	mg/L	0.003						
Lab ID:	LCS	Lab	oratory Cor	ntrol Sample			Run: SPEC	3_250718A		07/18	/25 11:28
Chromium,	, Hexavalent		0.0962	mg/L	0.010	96	90	110			
Lab ID:	B25071621-001AMS	San	nple Matrix	Spike			Run: SPEC	3_250718A		07/18	/25 11:28
Chromium,	, Hexavalent		0.0934	mg/L	0.010	93	80	120			
Lab ID:	B25071621-001AMSE) San	nple Matrix	Spike Duplicate	e		Run: SPEC	3_250718A		07/18	/25 11:28
Chromium,	, Hexavalent		0.0911	mg/L	0.010	91	80	120	2.5	20	



Prepared by Billings, MT Branch

Work Order: B25071646 **Report Date:** 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	A4500-S D									Batch:	R446162
Lab ID:	MBLK	Me	thod Blank				Run: SPEC	3_250721A		07/21/	25 16:59
Sulfide			ND	mg/L	0.01						
Lab ID:	LCS	Lat	ooratory Cor	ntrol Sample			Run: SPEC	3_250721A		07/21/	25 16:59
Sulfide			0.191	mg/L	0.040	99	85	115			
Lab ID:	B25071655-001HMS	Sa	mple Matrix	Spike			Run: SPEC	3_250721A		07/21/	25 16:59
Sulfide			0.365	mg/L	0.040	95	70	130			
Lab ID:	B25071655-001HMSI	D Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250721A		07/21/	25 16:59
Sulfide			0.367	mg/L	0.040	95	70	130	0.5	20	



Prepared by Billings, MT Branch

Work C	Order: B25071646							Repo	rt Date:	07/28/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.7							Anal	ytical Rui	n: ICP205-B_	_250723A
Lab ID:	ICV	Co	ntinuing Cal	ibration Ve	erification Standa	rd				07/23/	/25 13:20
Boron			2.49	mg/L	0.10	100	95	105			
Lab ID:	ccv	Co	ntinuing Cal	ibration Ve	erification Standa	rd				07/23	/25 15:21
Boron			2.50	mg/L	0.10	100	90	110			
Method:	E200.7									Batc	h: 201686
Lab ID:	MB-201686	Me	thod Blank				Run: ICP20	5-B_250723A		07/23/	/25 15:16
Boron			ND	mg/L	0.008						
Lab ID:	LCS3-201686	Lat	ooratory Cor	ntrol Samp	ole		Run: ICP20	5-B_250723A		07/23	/25 15:17
Boron			1.04	mg/L	0.050	104	85	115			
Lab ID:	B25071614-001BMS3	Sa Sa	mple Matrix	Spike			Run: ICP20	5-B_250723A		07/23/	/25 15:25
Boron			2.13	mg/L	0.10	106	70	130			
Lab ID:	B25071614-001BMSE)3 Sa	mple Matrix	Spike Dup	olicate		Run: ICP20	5-B_250723A		07/23	/25 15:26
Boron			2.14	mg/L	0.10	107	70	130	8.0	20	

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

Work Order: B25071646 Report Date: 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD RPDLimit	Qual
Method: E2	200.8							Analytica	al Run: ICPMS207-B_	_250721A
Lab ID: QC	S	7 Initi	al Calibratio	n Verificatio	n Standard				07/22/	25 18:11
Cadmium			0.0195	mg/L	0.0010	97	90	110		
Iron			0.190	mg/L	0.020	95	90	110		
Manganese			0.191	mg/L	0.0050	96	90	110		
Nickel			0.0376	mg/L	0.0050	94	90	110		
Selenium			0.0383	mg/L	0.0050	96	90	110		
Silver			0.0188	mg/L	0.0050	94	90	110		
Zinc			0.0378	mg/L	0.0050	95	90	110		
Lab ID: CC	:v	7 Cor	ntinuing Cal	ibration Veri	fication Standa	rd			07/22/	25 18:17
Cadmium			0.0488	mg/L	0.0010	98	90	110		
Iron			1.23	mg/L	0.020	95	90	110		
Manganese			0.0486	mg/L	0.0050	97	90	110		
Nickel			0.0473	mg/L	0.0050	95	90	110		
Selenium			0.0487	mg/L	0.0050	97	90	110		
Silver			0.0196	mg/L	0.0050	98	90	110		
Zinc			0.0477	mg/L	0.0050	95	90	110		
Lab ID: CC	:v	7 Cor	ntinuing Cal	ibration Veri	fication Standa	rd			07/22/	25 20:55
Cadmium			0.0490	mg/L	0.0010	98	90	110		
Iron			1.27	mg/L	0.020	98	90	110		
Manganese			0.0486	mg/L	0.0050	97	90	110		
Nickel			0.0476	mg/L	0.0050	95	90	110		
Selenium			0.0503	mg/L	0.0050	101	90	110		
Silver			0.0202	mg/L	0.0050	101	90	110		
Zinc			0.0471	mg/L	0.0050	94	90	110		
Method: E2	200.8								Batch:	R446131
Lab ID: LRI	В	7 Me	thod Blank				Run: ICPM	S207-B_250721	A 07/21/	25 11:33
Cadmium			ND	mg/L	3E-6					
Iron			ND	mg/L	0.001					
Manganese			ND	mg/L	0.00003					
Nickel			ND	mg/L	0.0001					
Selenium			0.00008	mg/L	0.00003					
Silver			ND	mg/L	3E-6					
Zinc			ND	mg/L	0.001					
Lab ID: LFE	В	7 Lab	oratory For	tified Blank			Run: ICPMS	S207-B_250721	A 07/21/	25 11:57
Cadmium			0.0476	mg/L	0.0010	95	85	115		
Iron			5.21	mg/L	0.020	104	85	115		
Manganese			0.0516	mg/L	0.0050	103	85	115		
Nickel			0.0487	mg/L	0.0050	97	85	115		
Selenium			0.0496	mg/L	0.0050	99	85	115		
Silver			0.0193	mg/L	0.0050	96	85	115		
Zinc			0.0502	mg/L	0.0050	100	85	115		

Qualifiers:

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

Work Order: B25071646 **Report Date:** 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8									Batch:	R44613
Lab ID:	B25071646-001BMS	7 Sar	mple Matrix	Spike			Run: ICPMS	S207-B_250721A		07/22	/25 18:58
Cadmium			0.0481	mg/L	0.0010	96	70	130			
Iron			4.88	mg/L	0.020	97	70	130			
Manganes	е		0.0496	mg/L	0.0010	97	70	130			
Nickel			0.0462	mg/L	0.0050	92	70	130			
Selenium			0.0479	mg/L	0.0010	96	70	130			
Silver			0.0190	mg/L	0.0010	95	70	130			
Zinc			0.0473	mg/L	0.010	91	70	130			
Lab ID:	B25071646-001BMSD	7 Sar	mple Matrix	Spike Dupl	icate		Run: ICPMS	S207-B_250721A		07/22	/25 19:04
Cadmium			0.0498	mg/L	0.0010	100	70	130	3.5	20	
Iron			5.01	mg/L	0.020	100	70	130	2.6	20	
Manganes	е		0.0514	mg/L	0.0010	101	70	130	3.6	20	
Nickel			0.0475	mg/L	0.0050	95	70	130	2.8	20	
Selenium			0.0498	mg/L	0.0010	100	70	130	3.9	20	
Silver			0.0197	mg/L	0.0010	98	70	130	3.3	20	
Zinc			0.0486	mg/L	0.010	94	70	130	2.7	20	
Lab ID:	MB-201683	7 Me	thod Blank				Run: ICPMS	S207-B_250721A		07/22	/25 21:07
Cadmium			ND	mg/L	9E-6						
Iron			0.004	mg/L	0.001						
Manganes	е		ND	mg/L	0.00003						
Nickel			0.0001	mg/L	0.0001						
Selenium			ND	mg/L	0.00003						
Silver			ND	mg/L	3E-6						
Zinc			0.001	mg/L	0.001						
Method:	E200.8							Analytica	l Run: I	CPMS208-B	_250725 <i>A</i>
Lab ID:	QCS	6 Initi	al Calibration	on Verificati	ion Standard					07/26	/25 03:42
Antimony			0.0385	mg/L	0.0050	96	90	110			
Arsenic			0.0384	mg/L	0.0050	96	90	110			
Chromium			0.0380	mg/L	0.010	95	90	110			
Iron			0.203	mg/L	0.020	102	90	110			
Thallium			0.0395	mg/L	0.0050	99	90	110			
Uranium			0.0368	mg/L	0.00030	92	90	110			
Lab ID:	ccv	6 Cor	ntinuing Cal	ibration Ve	rification Standa	rd				07/26	/25 09:56
Antimony			0.0495	mg/L	0.0050	99	90	110			
Arsenic			0.0472	mg/L	0.0050	94	90	110			
Chromium			0.0465	mg/L	0.010	93	90	110			
Iron			1.31	mg/L	0.020	101	90	110			
Thallium			0.0456	mg/L	0.0050	91	90	110			
Uranium			0.0474	mg/L	0.00030	95	90	110			

Qualifiers:

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

Work Order: B25071646 Report Date: 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8							Analytical	Run: I	CPMS209-B	_250723A
Lab ID:	QCS	Init	ial Calibratio	n Verificatio	n Standard					07/23/	/25 16:34
Copper			0.0365	mg/L	0.010	91	90	110			
Lab ID:	CCV	Coi	ntinuing Cali	ibration Veri	fication Standar	d				07/23/	/25 16:39
Copper			0.0467	mg/L	0.010	93	90	110			
Method:	E200.8									Batc	h: 201686
Lab ID:	MB-201686	6 Me	thod Blank				Run: ICPMS	S209-B_250723A		07/25	/25 03:10
Antimony			ND	mg/L	0.00002						
Arsenic			ND	mg/L	0.00003						
Chromium			ND	mg/L	0.0003						
Iron			ND	mg/L	0.004						
Thallium			ND	mg/L	80000.0						
Uranium			ND	mg/L	0.00001						
Lab ID:	LCS4-201686	6 Lab	oratory Cor	ntrol Sample			Run: ICPMS	S209-B_250723A		07/25	/25 03:15
Antimony			0.0985	mg/L	0.0050	99	85	115			
Arsenic			0.0912	mg/L	0.0010	91	85	115			
Chromium			0.0900	mg/L	0.0010	90	85	115			
Iron			0.489	mg/L	0.010	98	85	115			
Thallium			0.0947	mg/L	0.0010	95	85	115			
Uranium			0.0921	mg/L	0.00030	92	85	115			
Lab ID:	B25071606-002EMS4	6 Sar	mple Matrix	Spike			Run: ICPMS	S209-B_250723A		07/25	/25 06:15
Antimony			0.107	mg/L	0.0010	107	70	130			
Arsenic			0.0915	mg/L	0.0010	91	70	130			
Chromium			0.0901	mg/L	0.0050	90	70	130			
Iron			0.491	mg/L	0.020	96	70	130			
Thallium			0.0998	mg/L	0.00050	100	70	130			
Uranium			0.0972	mg/L	0.00030	97	70	130			
Lab ID:	B25071606-002EMSD)4 6 Sar	mple Matrix	Spike Duplic	cate		Run: ICPMS	S209-B_250723A		07/25	/25 06:20
Antimony			0.103	mg/L	0.0010	103	70	130	3.6	20	
Arsenic			0.0912	mg/L	0.0010	91	70	130	0.3	20	
Chromium			0.0901	mg/L	0.0050	90	70	130	0.0	20	
Iron			0.493	mg/L	0.020	97	70	130	0.3	20	
Thallium			0.0975	mg/L	0.00050	98	70	130	2.3	20	
Uranium			0.0975	mg/L	0.00030	97	70	130	0.3	20	
Method:	E200.8									Batch:	R446300
Lab ID:	LRB	Me	thod Blank				Run: ICPMS	S209-B_250723A		07/23/	/25 11:27
Copper			ND	mg/L	0.00005						
Lab ID:	LFB	Lab	oratory For	tified Blank			Run: ICPMS	S209-B_250723A		07/23	/25 11:44
Copper			0.0459	mg/L	0.010	92	85	115			
Lab ID:	MB-201683	Me	thod Blank				Run: ICPM	S209-B_250723A		07/23/	/25 17:14
Copper			0.0009	mg/L	0.00005						

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: B25071646 Report Date: 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8									Batch:	R446300
Lab ID:	B25071646-001DMS	San	nple Matrix	Spike			Run: ICPM	S209-B_250723A	١	07/23/	/25 17:25
Copper			0.0448	mg/L	0.0050	89	70	130			
Lab ID:	B25071646-001DMSD) San	nple Matrix	Spike Duplic	cate		Run: ICPMS	S209-B_250723A		07/23/	/25 17:30
Copper			0.0455	mg/L	0.0050	91	70	130	1.5	20	

Report Date: 07/28/25



Work Order: B25071646

QA/QC Summary Report

Prepared by Billings, MT Branch

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual	
Method:	E245.1							Analytic	cal Run:	HGCV203-B	_250721A	
Lab ID:	ICV-201625	Ini	tial Calibratio	on Verifica	ation Standard					07/21	/25 15:09	
Mercury			0.00211	mg/L	0.00010	106	90	110				
Lab ID:	CCV1	Co	ontinuing Cal	ibration V	erification Standar	⁻ d				07/21	/25 15:10	
Mercury			0.00253	mg/L	0.00010	101	95	105				
Lab ID:	CCV	Co	ontinuing Cal	ibration V	erification Standar	d				07/21	/25 16:34	
Mercury			0.00251	mg/L	0.00010	100	90	110				
Method:	E245.1									Bato	h: 201655	
Lab ID:	MB-201655	Me	ethod Blank				Run: HGCV	/203-B_250721/	A	07/21	/25 16:12	
Mercury			ND	mg/L	0.00006							
Lab ID:	LCS-201655	La	boratory Cor	ntrol Samp	ole		Run: HGCV	/203-B_250721/	Ą	07/21	/25 16:13	
Mercury			0.00212	mg/L	0.00010	106	85	115				
Lab ID:	B25071652-003BMS	S Sa	mple Matrix	Spike			Run: HGCV	/203-B_250721/	Ą	07/21	/25 16:45	
Mercury			0.00212	mg/L	0.00010	106	70	130				
Lab ID:	B25071652-003BMS	S D Sa	ımple Matrix	Spike Du	plicate		Run: HGCV	/203-B_250721 <i>/</i>	Ą	07/21	/25 16:46	
Mercury			0.00210	mg/L	0.00010	105	70	130	0.8	30		

Prepared by Billings, MT Branch

Work Order: B25071646 **Report Date:** 07/28/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E300.0							Analytical	Run: IC N	METROHM 1	_250717A
Lab ID:	ICV	3 Initi	al Calibratio	on Verificat	ion Standard					07/17	/25 11:39
Chloride			25.6	mg/L	1.0	103	90	110			
Sulfate			103	mg/L	1.0	103	90	110			
Fluoride			1.24	mg/L	0.10	100	90	110			
Lab ID:	ccv	3 Cor	ntinuing Cal	ibration Ve	rification Standar	d				07/18	/25 23:17
Chloride			26.4	mg/L	1.0	106	90	110			
Sulfate			107	mg/L	1.0	107	90	110			
Fluoride			1.29	mg/L	0.10	103	90	110			
Method:	E300.0									Batch	R446054
Lab ID:	ICB	3 Met	thod Blank				Run: IC ME	TROHM 1_25	0717A	07/17	/25 11:56
Chloride			ND	mg/L	0.1						
Sulfate			ND	mg/L	0.7						
Fluoride			ND	mg/L	0.009						
Lab ID:	LFB	3 Lab	oratory For	tified Blank	(Run: IC ME	TROHM 1_25	0717A	07/17	/25 12:12
Chloride			25.8	mg/L	1.0	103	90	110			
Sulfate			105	mg/L	1.1	105	90	110			
Fluoride			1.28	mg/L	0.10	102	90	110			
Lab ID:	B25071563-003AMS	3 Sar	mple Matrix	Spike			Run: IC ME	TROHM 1_25	0717A	07/18	/25 23:50
Chloride			51.0	mg/L	1.0	94	90	110			
Sulfate			215	mg/L	1.0	94	90	110			
Fluoride			1.19	mg/L	0.10	94	90	110			
Lab ID:	B25071563-003AMSD	3 Sar	nple Matrix	Spike Dupl	licate		Run: IC ME	TROHM 1 25	0717A	07/19	/25 00:06
Chloride			51.2	mg/L	1.0	95	90	110	0.4	20	
Sulfate			216	mg/L	1.0	94	90	110	0.3	20	
Fluoride			1.20	mg/L	0.10	94	90	110	0.6	20	

Qualifiers:

RL - Analyte Reporting Limit



Prepared by Billings, MT Branch

Work Order: B25071646						Repo	rt Date:	: 07/28/25	
Analyte	Count Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada-01						Analyt	tical Run	: SFA-202-B	_250718A
Lab ID: ICV	Initial Calibrat	ion Verification S	Standard					07/18/	/25 11:36
Cyanide, Weak Acid Dissociable	0.0101	mg/L	0.0010	101	90	110			
Lab ID: CCV	Continuing Ca	alibration Verifica	ation Standa	rd				07/18/	/25 12:25
Cyanide, Weak Acid Dissociable	0.0104	mg/L	0.0010	104	90	110			
Method: Kelada-01								Batch:	R446065
Lab ID: ICB	Method Blank				Run: SFA-2	202-B_250718A		07/18/	/25 11:37
Cyanide, Weak Acid Dissociable	ND	mg/L	0.0007						
Lab ID: LFB	Laboratory Fo	rtified Blank			Run: SFA-2	202-B_250718A		07/18/	/25 11:39
Cyanide, Weak Acid Dissociable	0.0102	mg/L	0.0010	102	90	110			
Lab ID: LCS1-ZnCN	Laboratory Co	ontrol Sample			Run: SFA-2	202-B_250718A		07/18/	/25 11:41
Cyanide, Weak Acid Dissociable	0.00989	mg/L	0.0010	99	90	110			
Lab ID: B25071478-001EMS	Sample Matri	x Spike			Run: SFA-2	202-B_250718A		07/18/	/25 12:05
Cyanide, Weak Acid Dissociable	0.0112	mg/L	0.0010	112	80	120			
Lab ID: B25071478-001EMSE	Sample Matri	x Spike Duplicate	9		Run: SFA-2	202-B_250718A		07/18/	/25 12:09
Cyanide, Weak Acid Dissociable	0.0112	mg/L	0.0010	112	80	120	0.2	10	

RL - Analyte Reporting Limit



Prepared by Casper, WY Branch

Work Order: B2507164	6			•			Repo	ort Date	08/08/25	
Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA2	226-11760
Lab ID: LCS-RA226-1176	0 3 Lab	oratory Co	ntrol Sample			Run: TENN	IELEC-3_25072	28A	08/07	/25 13:18
Radium 226		8.8	pCi/L		88	70	130			
Radium 226 precision (±)		1.4	pCi/L							
Radium 226 MDC		0.19	pCi/L							
Lab ID: MB-RA226-11760	3 Me	thod Blank				Run: TENN	IELEC-3_25072	28A	08/07	/25 13:18
Radium 226		-0.01	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25070854-002D	DUP 3 Sar	nple Duplic	ate			Run: TENN	IELEC-3_25072	28A	08/07	/25 15:40
Radium 226		0.033	pCi/L					26	30	U
Radium 226 precision (±)		0.099	pCi/L							
Radium 226 MDC		0.16	pCi/L							
- The RER result is 0.06.										
Method: E903.0									Batch: RA2	226-1175
Lab ID: LCS-RA226-1175	8 3 Lab	oratory Co	ntrol Sample			Run: TENN	IELEC-4_25072	23D	08/06	/25 16:47
Radium 226		10	pCi/L		105	70	130			
Radium 226 precision (±)		1.7	pCi/L							
Radium 226 MDC		0.15	pCi/L							
Lab ID: MB-RA226-11758	3 Me	thod Blank				Run: TENN	IELEC-4_25072	23D	08/06	/25 16:47
Radium 226		-0.04	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25070583-002E	DUP 3 Sar	nple Duplic	ate			Run: TENN	IELEC-4_25072	23D	08/06	/25 16:47
Radium 226		1.6	pCi/L					8.1	30	
Radium 226 precision (±)		0.35	pCi/L							
Radium 226 MDC		0.26	pCi/L							

Qualifiers:

RL - Analyte Reporting Limit

- The RER result is 0.26.

U - Not detected

Report Date: 08/08/25

11

30



Work Order: B25071646

QA/QC Summary Report

Prepared by Casper, WY Branch

Analyte	Count	Result	Units	RL %REC Low Limit High Limit	RPD RPDLimit Qu	ıal
Mathad. DAAF					Databi DAGGO 7	マつ4日

Method:	RA-05						Batch: RA228-7721R
Lab ID:	LCS-228-RA226-11758	3 Laboratory Cor	ntrol Sample	Rı	ın: TENNELE	EC-4_250723B	07/30/25 16:02
Radium 2	228	7.2	pCi/L	78	70	130	
Radium 2	228 precision (±)	1.9	pCi/L				
Radium 2	228 MDC	0.74	pCi/L				
Lab ID:	MB-RA226-11758	3 Method Blank		Ru	ın: TENNELE	EC-4_250723B	07/30/25 16:02
Radium 2	228	0.4	pCi/L				U
Radium 2	228 precision (±)	0.5	pCi/L				
Radium 2	228 MDC	0.8	pCi/L				
Lab ID:	C25070583-002EDUP	3 Sample Duplica	ate	Rı	ın: TENNELE	EC-4 250723B	07/30/25 16:02

Radium 228 4.0

pCi/L Radium 228 precision (±) 1.3 pCi/L Radium 228 MDC 1.0 pCi/L

- The RER result is 0.26.

Work Order Receipt Checklist

Linkan Engineering

Login completed by: Crystal M. Jones

B25071646

Date Received: 7/18/2025

Reviewed by:	mstephens		R	eceived by: TAR
Reviewed Date:	7/21/2025		Ca	arrier 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 couch as pH, DO, Res CI, Su	onsidered field parameters	Yes	No 🗹	
Temp Blank received in all sl	nipping container(s)/cooler(s)?	Yes √	No 🗌	Not Applicable
Container/Temp Blank tempe	erature:	11.9°C Melted 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 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

B25071646

pH < 2.

The sample for hexavalent chromium was received past the 24-hour hold time. Proceed with analysis past hold per phone conversation with Chris Prosper on 07/18/25. CMJ 07/18/25

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com 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 T E D	Nebraska	NE-OS-13-04
TESTING LABORATORY	Nevada	NV-C24-00250
ACCRE	North Dakota	R-007
ALL DE CONTRACTOR OF THE PARTY	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
Caspor 14/V	Louisiana	05083
Casper, WY	Montana	CERT0002
LAP ACCREDING	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
TABORATORY.	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

of 1 Page 1

у/Лате											
8			Company/Name Linkan	Linkan				U	outfall 001A	- Bi-We	Outfall 001A - Bi-Weekly Sample
Contact Chiris Prosper	per		Contact	Alex Schwiebert	pert						
Phone 775-777-8003	503		Phone	775-397-6779	6						
Mailing Address 2720 Ruby Vista Dr	Vista Dr		Mailing Address	2720 Ruby Vista	ista Dr				lease emai	Report	Please email Report and EDD results to:
City, State, Zip Elko, NV 89801	9801		City, State, Zip	Elko, NV 89801	01			0	chris.prosper@linkan.com	@linka	moo.r
Email AP@linkan.com	n.com		Email	see comments	ts			0 0	adam.billin@linkan.com	Jinkan.c	om
Receive Invoice	■Email Receive Report □Hard Copy	☐Hard Copy ■Email	Receive Report		■Email			0 0	peter.havs@state.co.us	state.co	US .US
Purchase Order Quote 25-0152	25	Bottle Order タマチィ /	Special Report/Formats:	AC	EDT (contact l.	■ EDD/EDT (contact laboratory) □ Other.	ther				
Project Information	•	11. 6	Matrix Codes	sepo		Analy	Analysis Requested	ested			
Project Name, PWSID, Permit, etc. Schwarfzwalder Mine	etc. Schwarfzwalder Mi	ne	A- AIr		əld		-				All turnaround times are
Sampler Name Brych	Acuse Sampler Phone 7/338	10/	W- Water		Vera		Blue	pəvlo	wnjj		RUSH.
Sample Origin State Colorado	EPA/State Compliance	mpliance ■ Yes □ No	>	Б				ossi(Rad	ı	Energy Laboratories MUST be contacted prior to
URANIUM MINING CLIENTS MUST indicate sample type □ Unprocessed Ore □ Processed Ore (Ground or Refined) **CALL BEFORE SENDING □ IT(e)Z Byproduct Material (Can ONLY be Submitted to ELI Casper Location)	IUST indicate sample type efined) **CALL BEFORE SEI an ONLY be Submitted to EL	NDING LI Casper Location)	B - Bioassa O - Oil DW - Drinking	Bioassay Oil Drinking Water	rlossiO ,a	s, Potent	de, WAD	metric m 226, E	+ 9 <mark>2</mark> 2 m	Attache	RUSH sample submittal for charges and scheduling – See Instructions Page
Sample Identification (Name, Location, Interval, etc.)	ntification Interval, etc.)	Collection Date Time	Number of Containers	Matrix XX (See Codes House)			billu2		Radiu 228	See	ELI LAB ID T Laboratory Use Only
1 Outfall 001A		12 PX	36 X	/						•	7325071646
2		, ,							29	•	
3											
*											
5											
9											
7											
8		IC War a state of the state of									
ō											
	provide preserv	rative traceability. If the	s preservatives su	pplied with the	bottle orde	le order were NOT Received by (print)	used, pleas	se attach	ch your preserva	ive inform	he preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.
Record Sou Par At	crosp	2/15/1530	Signatur		Dorolvo	hy I shoraton	(mint)	to	The	100	- Continue
_		2			16,	Tree Piley	(bunny)	0	07/18/15	1030	Signature 7000
Shipped By Cooler ID(s)		Infact Receip	Temp	LABORATORY USE ONLY	SEONLY	Pavme	ont Tyne	1.3	Amount	Receint	Receipt Number (cash/chack only)
	Y N C B		°€ ≺	Щ	:	ee eash e	sh Check		69		66

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 193741



SHIPPED TO:

Linkan Engineering

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 VIA: Ground

Order Created by: Yvonna E. Smith

Quote Used: 17287

	Bottles			Critical			Num
Bottle Size/Type	Samp	Method	Tests	Time	Preservative	Notes	Samp

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

	Outrail 001A Inree Times Weekly 155	ily 133 (12 3ets)		
1 Liter Plastic Wide	1 A2540 D	Solids, Total Suspended	Fill to the neck of the container.	_
Mouth				

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

BO#: 193741

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			
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	-
			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			

Comments

HNO3 - Nitric Acid H2SO4 - Sulfuric Acid	NaOH - Sodium Hydroxide	We strongly suggest that the samples are
ZnAc - Zinc Acetate HCI - Hydrochloric Acid	H3PO4 - Phosphoric Acid	shipped the same day as they are collected.
Material Safety Data Sheets(MSDS) Available @ EnergyLab.com -> Services -> MSDS Sheets	ergyLab.com ->Services -> MSDS Sheets	
Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	ids 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.	quired. If so, Energy Laboratories will utilize its branch laborator	ies or qualified contract laboratories for this service. Any such



ANALYTICAL SUMMARY REPORT

August 08, 2025

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

Work Order: B25071973 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 1 sample for Linkan Engineering on 7/23/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25071973-001	Outfall 001A	07/22/25 14:20	0 07/23/25	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 Colorime

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

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

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

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

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

 Client:
 Linkan Engineering
 Report Date:
 08/08/25

 Project:
 Schwartzwalder Mine
 Collection Date:
 07/22/25 14:20

 Lab ID:
 B25071973-001
 DateReceived:
 07/23/25

 Client Sample ID:
 Outfall 001A
 Matrix:
 Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Chloride	2	mg/L		1		E300.0	07/23/25 22:27 / caa
Sulfate	12	mg/L		1		E300.0	07/23/25 22:27 / caa
Fluoride	0.02	mg/L	J	0.1		E300.0	07/23/25 22:27 / caa
Cyanide, Weak Acid Dissociable	ND	ug/L		1		Kelada-01	07/24/25 15:06 / fap
Sulfide	ND	mg/L		0.04		A4500-S D	07/24/25 11:23 / pmw
METALS, DISSOLVED							
Chromium, Hexavalent	ND	ug/L		10		A3500-Cr B	07/23/25 11:45 / aem
Iron	20	ug/L	J	20		E200.8	07/25/25 23:21 / jks
Manganese	1	ug/L		1		E200.7	07/24/25 16:30 / enb
METALS, POTENTIALLY DISSOLVED							
Cadmium	ND	ug/L		1		E200.8	07/25/25 23:42 / jks
Copper	0.3	ug/L	JL	0.5		E200.8	07/31/25 22:36 / jks
Nickel	0.1	ug/L	J	5		E200.8	07/25/25 23:42 / jks
Selenium	ND	ug/L		1		E200.8	07/25/25 23:42 / jks
Silver	ND	ug/L	L	0.04		E200.8	07/27/25 12:32 / jks
Zinc	ND	ug/L		10		E200.8	07/25/25 23:42 / jks
METALS, TOTAL RECOVERABLE							
Arsenic	4	ug/L		1		E200.8	07/26/25 12:43 / jks
Chromium	ND	ug/L		5		E200.8	07/26/25 12:43 / jks
Chromium, Trivalent	ND	ug/L		10		Calculation	08/01/25 09:17 / jbm
Iron	30	ug/L		20		E200.8	08/01/25 14:30 / aem
Uranium	10.5	ug/L		0.3		E200.8	07/26/25 12:43 / jks
METALS, TOTAL							
Antimony	ND	ug/L		1		E200.8	07/26/25 12:43 / jks
Boron	180	ug/L		50		E200.7	07/25/25 17:07 / enb
Mercury		ug/L		0.1		E245.1	07/24/25 10:24 / mjb
Thallium	ND	ug/L		0.5		E200.8	07/26/25 12:43 / jks
RADIONUCLIDES - DISSOLVED							
Radium 226	0.3	pCi/L				E903.0	08/07/25 15:40 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	08/07/25 15:40 / eli-ca
Radium 226 MDC	0.2	pCi/L				E903.0	08/07/25 15:40 / eli-ca
RADIONUCLIDES - TOTAL							
Radium 226	0.2	pCi/L				E903.0	08/07/25 13:15 / eli-ca
Radium 226 precision (±)	0.1	pCi/L				E903.0	08/07/25 13:15 / eli-ca
Radium 226 MDC	0.1	pCi/L				E903.0	08/07/25 13:15 / eli-ca
Radium 228	0.6	pCi/L	U			RA-05	07/31/25 13:53 / eli-ca
Radium 228 precision (±)	0.5	pCi/L				RA-05	07/31/25 13:53 / eli-ca
Radium 228 MDC	0.8	pCi/L				RA-05	07/31/25 13:53 / eli-ca
Radium 226 + Radium 228	0.6	pCi/L	U			A7500-RA	08/08/25 10:59 / eli-ca

Report Definitions:

RL - Analyte Reporting Limit

tions: 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 Engineering
 Report Date:
 08/08/25

 Project:
 Schwartzwalder Mine
 Collection Date:
 07/22/25 14:20

 Lab ID:
 B25071973-001
 DateReceived:
 07/23/25

 Client Sample ID:
 Outfall 001A
 Matrix:
 Aqueous

Analyses	Result Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL						
Radium 226 + Radium 228 precision (±)	0.5 pCi/L				A7500-RA	08/08/25 10:59 / eli-ca
Radium 226 + Radium 228 MDC	0.8 pCi/L				A7500-RA	08/08/25 10:59 / eli-ca

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level



Prepared by Casper, WY Branch

Work Order: B25071973							Rep	ort Date	: 08/08/25	
Analyte	Count F	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: RA2	226-11760
Lab ID: LCS-RA226-11760	3 Labora	atory Con	trol Sample			Run: TENN	NELEC-3_2507	728A	08/07	/25 13:18
Radium 226		8.8	pCi/L		88	70	130			
Radium 226 precision (±)		1.4	pCi/L							
Radium 226 MDC		0.19	pCi/L							
Lab ID: MB-RA226-11760	3 Method	d Blank				Run: TENN	NELEC-3_2507	728A	08/07	/25 13:18
Radium 226		-0.01	pCi/L							U
Radium 226 precision (±)		0.09	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25070854-002DDL	JP 3 Sampl	e Duplica	ate			Run: TENN	NELEC-3_2507	728A	08/07	/25 15:40
Radium 226		0.033	pCi/L					26	30	U
Radium 226 precision (±)		0.099	pCi/L							
Radium 226 MDC		0.16	pCi/L							
- The RER result is 0.06.										
Method: E903.0									Batch: RA2	226-11763
Lab ID: LCS-RA226-11763	3 Labora	atory Con	trol Sample			Run: TENN	NELEC-4_2507	725H	08/07	/25 10:20
Radium 226		10	pCi/L		100	70	130			
Radium 226 precision (±)		1.6	pCi/L							
Radium 226 MDC		0.13	pCi/L							
Lab ID: MB-RA226-11763	3 Metho	d Blank				Run: TENN	NELEC-4_2507	725H	08/07	/25 10:20
Radium 226		0.05	pCi/L							U
Radium 226 precision (±)		0.08	pCi/L							
Radium 226 MDC		0.1	pCi/L							
Lab ID: C25070615-004ADL	JP 3 Sampl	e Duplica	ate			Run: TENN	NELEC-4_2507	725H	08/07	/25 13:15
Radium 226		2.3	pCi/L					2.4	30	
Radium 226 precision (±)		0.43	pCi/L							
Radium 226 MDC		0.15	pCi/L							

Qualifiers:

RL - Analyte Reporting Limit

- The RER result is 0.09.

U - Not detected



Prepared by Casper, WY Branch

Work Order: B25071973 Report Date: 08/08/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									Batch: RA	228-7724
Lab ID: LCS-228-RA226-117	63 3 Lal	ooratory Cor	ntrol Sample			Run: TENN	IELEC-4_25072	5E	07/31	/25 13:53
Radium 228		8.2	pCi/L		89	70	130			
Radium 228 precision (±)		2.2	pCi/L							
Radium 228 MDC		0.86	pCi/L							
Lab ID: MB-RA226-11763	3 Me	thod Blank				Run: TENN	IELEC-4_25072	5E	07/31	/25 13:53
Radium 228		0.3	pCi/L							U
Radium 228 precision (±)		0.5	pCi/L							
Radium 228 MDC		8.0	pCi/L							
Lab ID: C25070615-004ADU	P 3 Sa	mple Duplic	ate			Run: TENN	IELEC-4_25072	5E	07/31	/25 13:53
Radium 228		2.5	pCi/L					1.4	30	
Radium 228 precision (±)		0.93	pCi/L							
Radium 228 MDC		0.89	pCi/L							
- The RER result is 0.03.										



Prepared by Billings, MT Branch

Work Order: B25071973							Re	port Date:	08/04/25	
Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3500-Cr B								Analytical F	Run: SPEC3	_250723B
Lab ID: CCV	Con	tinuing Cal	ibration Verificatio	n Standa	rd				07/23	/25 11:45
Chromium, Hexavalent		0.0984	mg/L	0.010	98	90	110			
Method: A3500-Cr B									Batch:	R446279
Lab ID: MBLK	Met	hod Blank				Run: SPEC	3_250723B		07/23	/25 11:45
Chromium, Hexavalent		ND	mg/L	0.003						
Lab ID: LCS	Lab	oratory Cor	ntrol Sample			Run: SPEC	3_250723B		07/23	/25 11:45
Chromium, Hexavalent		0.102	mg/L	0.010	102	90	110			
Lab ID: B25071973-001AMS	San	nple Matrix	Spike			Run: SPEC	3_250723B		07/23	/25 11:45
Chromium, Hexavalent		0.0999	mg/L	0.010	100	80	120			
Lab ID: B25071973-001AMSI) San	nple Matrix	Spike Duplicate			Run: SPEC	3_250723B		07/23	/25 11:45
Chromium, Hexavalent		0.0999	mg/L	0.010	100	80	120	0.0	20	



Prepared by Billings, MT Branch

Work Order: B25071973 Report Date: 08/04/25

								•			
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.7							Anal	ytical Ru	n: ICP205-B	_250724B
Lab ID:	ICV	Co	ntinuing Cal	ibration Verific	ation Standard	t				07/24	/25 14:44
Mangane	se		2.43	mg/L	0.010	97	95	105			
Lab ID:	ccv	Co	ntinuing Cal	ibration Verific	ation Standard	t				07/24	/25 16:16
Mangane	se		2.38	mg/L	0.010	95	90	110			
Method:	E200.7									Batch	: R446447
Lab ID:	MB-5900DIS250724A	Me	thod Blank				Run: ICP20	5-B_250724B		07/24	/25 14:59
Mangane	se		ND	mg/L	0.0004						
Lab ID:	LFB-5900DIS250724A	\ Lal	ooratory For	tified Blank			Run: ICP20	5-B_250724B		07/24	/25 15:00
Mangane	se		5.41	mg/L	0.010	108	85	115			
Lab ID:	B25071970-018BMS2	Sa	mple Matrix	Spike			Run: ICP20	5-B_250724B		07/24	/25 16:22
Mangane	se		5.07	mg/L	0.0010	100	70	130			
Lab ID:	B25071970-018BMSD)2 Sa	mple Matrix	Spike Duplica	te		Run: ICP20	5-B_250724B		07/24	/25 16:24
Mangane	se		5.04	mg/L	0.0010	99	70	130	0.5	20	
Method:	E200.7							Anal	ytical Ru	n: ICP205-B	_250725A
Lab ID:	ICV	Co	ntinuing Cal	ibration Verific	ation Standard	d				07/25	/25 14:52
Boron			2.53	mg/L	0.10	101	95	105			
Lab ID:	CCV	Co	ntinuing Cal	ibration Verific	ation Standard	t				07/25	/25 16:53
Boron			2.46	mg/L	0.10	99	90	110			
Method:	E200.7									Bato	h: 201819
Lab ID:	MB-201819	Me	thod Blank				Run: ICP20	5-B_250725A		07/25	/25 16:52
Boron			ND	mg/L	0.008						
Lab ID:	LCS3-201819	Lal	ooratory Cor	ntrol Sample			Run: ICP20	5-B_250725A		07/25	/25 16:56
Boron			1.04	mg/L	0.10	104	85	115			
Lab ID:	B25071949-001CMS3	Sa	mple Matrix	Spike			Run: ICP20	5-B_250725A		07/25	/25 17:01
Boron			1.06	mg/L	0.050	104	70	130			
Lab ID:	B25071949-001CMSE)3 Sa	mple Matrix	Spike Duplica	te		Run: ICP20	5-B_250725A		07/25	/25 17:02
Boron			1.08	mg/L	0.050	105	70	130	1.4	20	

Qualifiers:

RL - Analyte Reporting Limit

Report Date: 08/04/25



Prepared by Billings, MT Branch

Method: E200.8	33/01/20	(_								52001 1070	
Initial Calibration Verification Standard Union Union	RPDLimit C) R	RPD	High Limit	Low Limit	%REC	RL	Units	Result	Count		Analyte
Iron	PMS207-B_25	ICF	ical Run:	Analytica							E200.8	Method:
Lab ID: CCV Continuing Calibration Verification Standard 1.28 mg/L 0.020 99 90 110 Method: E200.8 Run: ICPMS207-B_250801A Method: E200.8 Analytical Run: IC Lab ID: QCS Initial Calibration Verification Standard 0.0378 mg/L 0.010 95 90 110 Lab ID: CCV Continuing Calibration Verification Standard 0.0481 mg/L 0.010 96 90 110 Method: E200.8 Run: ICPMS208-B_250731A Lab ID: LRB Method Blank ND mg/L Run: ICPMS208-B_250731A Copper ND mg/L 0.00007 Lab ID: LFB Laboratory Fortified Blank 0.0454 mg/L Run: ICPMS208-B_250731A Copper MB-202012 Method Blank 0.0001 mg/L Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike 0.0050 94 70 130 Run: ICPMS208-B_250731A	08/01/25						andard	n Verification S	tial Calibratic	Ini	QCS	Lab ID:
Iron				110	90	98	0.020	mg/L	0.197			Iron
Method: E200.8 Lab ID: MB-201819 Method Blank Iron ND mg/L 0.004 Run: ICPMS207-B_250801A Method: E200.8 Analytical Run: IC Lab ID: QCS Initial Calibration Verification Standard 0.0378 mg/L 0.010 95 90 110 Lab ID: CCV Continuing Calibration Verification Standard 0.0481 mg/L NO 100 96 90 110 Method: E200.8 Lab ID: LRB Method Blank ND mg/L Run: ICPMS208-B_250731A Copper ND mg/L 0.00007 Run: ICPMS208-B_250731A Copper Method Blank 0.0454 mg/L Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Lab ID: MB-202012 Method Blank 0.0001 mg/L Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Run: ICPMS208-B_250731A Lab ID: B25072338-001AMS Sample Matrix Spike Ng/L Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	08/01/25					rd	on Standaı	bration Verifica	ntinuing Cali	Co	ccv	Lab ID:
Lab ID: MB-201819 Method Blank Iron ND mg/L 0.004 Run: ICPMS207-B_250801A Method: E200.8 Analytical Run: IC Lab ID: QCS Initial Calibration Verification Standard One of the part of the				110	90	99	0.020	mg/L	1.28			Iron
Method: E200.8	Batch: 2										E200.8	Method:
Method: E200.8 Analytical Run: IC Lab ID: QCS Initial Calibration Verification Standard 0.010 95 90 110 Lab ID: CCV Continuing Calibration Verification Standard Standard 0.0481 Mg/L 0.010 96 90 110 Method: E200.8 E200.8 Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Copper ND mg/L 0.00007 Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Lab ID: MB-202012 Method Blank Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Run: ICPMS208-B_250731A Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	08/01/25		01A	S207-B_250801 <i>F</i>	Run: ICPMS				thod Blank	Me	MB-201819	Lab ID:
Lab ID: QCS Initial Calibration Verification Standard Copper 0.0378 mg/L 0.010 95 90 110 Lab ID: CCV Continuing Calibration Verification Standard Standard Copper 0.0481 mg/L 0.010 96 90 110 Method: E200.8 E200.8 Lab ID: LRB Method Blank ND mg/L Run: ICPMS208-B_250731A Copper ND mg/L 0.00007 Lab ID: LFB Laboratory Fortified Blank O.0454 mg/L Run: ICPMS208-B_250731A Copper Method Blank O.00454 mg/L Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130							0.004	mg/L	ND			Iron
Copper 0.0378 mg/L 0.010 95 90 110 Lab ID: Copper CCV Continuing Calibration Verification Standard 0.0481 Standard mg/L 0.010 96 90 110 Method: E200.8 E200.8 Run: ICPMS208-B_250731A Lab ID: LRB Method Blank Copper ND mg/L 0.00007 Run: ICPMS208-B_250731A Copper Laboratory Fortified Blank 0.0454 Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Lab ID: Lab ID: MB-202012 Method Blank 0.0001 Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Copper B25072338-001AMS Sample Matrix Spike 0.0050 Run: ICPMS208-B_250731A Copper Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A	PMS208-B_25	ICF	ical Run:	Analytica							E200.8	Method:
Lab ID: CCV Continuing Calibration Verification Standard O.010 96 90 110 Method: E200.8 Lab ID: LRB Method Blank	07/31/25						andard	n Verification S	tial Calibratic	Init	QCS	Lab ID:
Copper 0.0481 mg/L 0.010 96 90 110 Method: E200.8 Run: ICPMS208-B_250731A Lab ID: LRB Method Blank Run: ICPMS208-B_250731A Copper ND mg/L 0.010 91 85 115 Lab ID: MB-202012 Method Blank Run: ICPMS208-B_250731A Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Run: ICPMS208-B_250731A Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130				110	90	95	0.010	mg/L	0.0378			Copper
Method: E200.8 Lab ID: LRB Method Blank Run: ICPMS208-B_250731A Copper ND mg/L 0.00007 Lab ID: LFB Laboratory Fortified Blank Run: ICPMS208-B_250731A Copper 0.0454 mg/L 0.010 91 85 115 Lab ID: MB-202012 Method Blank Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	07/31/25					rd	on Standaı	bration Verifica	ntinuing Cali	Co	ccv	Lab ID:
Lab ID: LRB Method Blank Copper Run: ICPMS208-B_250731A Lab ID: LFB Copper Laboratory Fortified Blank 0.0454 mg/L 0.010 91 85 115 Lab ID: MB-202012 Copper Method Blank 0.0001 mg/L Run: ICPMS208-B_250731A Lab ID: B25072338-001AMS Copper Sample Matrix Spike 0.0050 94 70 130 Run: ICPMS208-B_250731A				110	90	96	0.010	mg/L	0.0481			Copper
Copper ND mg/L 0.00007 Lab ID: LFB Laboratory Fortified Blank O.0454 Run: ICPMS208-B_250731A Copper MB-202012 Method Blank O.0001 Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike O.0050 Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	Batch: R4										E200.8	Method:
Lab ID: LFB Laboratory Fortified Blank O.0454 mg/L Run: ICPMS208-B_250731A Lab ID: MB-202012 Method Blank O.0001 mg/L Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike O.0050 Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	07/31/25		31A	S208-B_250731 <i>F</i>	Run: ICPMS				thod Blank	Me	LRB	Lab ID:
Copper 0.0454 mg/L 0.010 91 85 115 Lab ID: MB-202012 Method Blank 0.0001 Run: ICPMS208-B_250731A Copper 0.00001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike 0.0612 Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130							0.00007	mg/L	ND			Copper
Lab ID: MB-202012 Method Blank Run: ICPMS208-B_250731A Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	07/31/25		31A	S208-B_250731 <i>A</i>	Run: ICPMS			ified Blank	boratory For	La	LFB	Lab ID:
Copper 0.0001 mg/L 0.00007 Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130				115	85	91	0.010	mg/L	0.0454			Copper
Lab ID: B25072338-001AMS Sample Matrix Spike Run: ICPMS208-B_250731A Copper 0.0612 mg/L 0.0050 94 70 130	07/31/25		31A	S208-B_250731A	Run: ICPMS				thod Blank	Me	MB-202012	Lab ID:
Copper 0.0612 mg/L 0.0050 94 70 130							0.00007	mg/L	0.0001			Copper
	08/01/25		31A	S208-B_250731 <i>F</i>	Run: ICPMS			Spike	mple Matrix	Sa	B25072338-001AMS	Lab ID:
Lab ID: B25072338-001AMSD Sample Matrix Spike Duplicate Run: ICPMS208-B_250731A				130	70	94	0.0050	mg/L	0.0612			Copper
	08/01/25		31A	S208-B_250731 <i>A</i>	Run: ICPMS			Spike Duplicate	mple Matrix	D Sa	B25072338-001AMS	Lab ID:
Copper 0.0646 mg/L 0.0050 101 70 130 5.4	20	1	5.4	130	70	101	0.0050		•			Copper

Qualifiers:

RL - Analyte Reporting Limit

Work Order: B25071973

Prepared by Billings, MT Branch

Work Order: B25071973 Report Date: 08/04/25

Analyte		Count F	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8							Analytic	cal Run: I	CPMS209-B	_250725A
Lab ID:	QCS	11 Initial (Calibratio	on Verification	on Standard					07/25	/25 20:27
Antimony		C	0.0404	mg/L	0.0050	101	90	110			
Arsenic		C	0.0377	mg/L	0.0050	94	90	110			
Cadmium		C	0.0211	mg/L	0.0010	105	90	110			
Chromium	1	C	0.0378	mg/L	0.010	95	90	110			
Iron			0.213	mg/L	0.020	107	90	110			
Nickel		C	0.0377	mg/L	0.0050	94	90	110			
Selenium		C	0.0377	mg/L	0.0050	94	90	110			
Silver		C	0.0208	mg/L	0.0050	104	90	110			
Thallium		C	0.0428	mg/L	0.0050	107	90	110			
Uranium		C	0.0419	mg/L	0.00030	105	90	110			
Zinc			0.0368	mg/L	0.0050	92	90	110			
Lab ID:	ccv	11 Contin	uing Cal	ibration Veri	ification Standa	rd				07/25	/25 23:04
Antimony		C	0.0477	mg/L	0.0050	95	90	110			
Arsenic		C	0.0474	mg/L	0.0050	95	90	110			
Cadmium		C	0.0485	mg/L	0.0010	97	90	110			
Chromium	1	C	0.0477	mg/L	0.010	95	90	110			
Iron			1.36	mg/L	0.020	104	90	110			
Nickel		C	0.0466	mg/L	0.0050	93	90	110			
Selenium		C	0.0475	mg/L	0.0050	95	90	110			
Silver		C	0.0194	mg/L	0.0050	97	90	110			
Thallium		C	0.0494	mg/L	0.0050	99	90	110			
Uranium		C	0.0504	mg/L	0.00030	101	90	110			
Zinc		C	0.0456	mg/L	0.0050	91	90	110			
Lab ID:	QCS	11 Initial (Calibratio	on Verificatio	on Standard					07/26	/25 09:32
Antimony		C	0.0419	mg/L	0.0050	105	90	110			
Arsenic		C	0.0380	mg/L	0.0050	95	90	110			
Cadmium		C	0.0197	mg/L	0.0010	98	90	110			
Chromium	1	C	0.0381	mg/L	0.010	95	90	110			
Iron			0.202	mg/L	0.020	101	90	110			
Nickel		C	0.0382	mg/L	0.0050	96	90	110			
Selenium		C	0.0382	mg/L	0.0050	95	90	110			
Silver		C	0.0196	mg/L	0.0050	98	90	110			
Thallium			0.0402	mg/L	0.0050	100	90	110			
Uranium		C	0.0386	mg/L	0.00030	96	90	110			
Zinc			0.0379	mg/L	0.0050	95	90	110			
Lab ID:	ccv	11 Contin	uing Cal	ibration Veri	ification Standa	rd				07/26	/25 12:32
Antimony		C	0.0536	mg/L	0.0050	107	90	110			
Arsenic		C	0.0473	mg/L	0.0050	95	90	110			
Cadmium		C	0.0497	mg/L	0.0010	99	90	110			
Chromium	1	C	0.0474	mg/L	0.010	95	90	110			
Iron			1.25	mg/L	0.020	96	90	110			
Nickel		C	0.0474	mg/L	0.0050	95	90	110			
Selenium		C	0.0468	mg/L	0.0050	94	90	110			

Qualifiers:

RL - Analyte Reporting Limit

Prepared by Billings, MT Branch

Work Order: B25071973 **Report Date:** 08/04/25

Analyte		Count Res	ult Units	RL	%REC	Low Limit	High Limit	RPD RPDLimit	Qual
Method:	E200.8						Analytica	l Run: ICPMS209-B	_250725A
Lab ID:	CCV	11 Continuin	g Calibration \	Verification Standa	rd			07/26	/25 12:32
Silver		0.01	199 mg/L	0.0050	99	90	110		
Thallium		0.05	500 mg/L	0.0050	100	90	110		
Uranium		0.05	503 mg/L	0.00030	101	90	110		
Zinc		0.04	164 mg/L	0.0050	93	90	110		
Lab ID:	QCS	11 Initial Cali	bration Verific	cation Standard				07/27	/25 10:05
Antimony		0.03	386 mg/L	0.0050	97	90	110		
Arsenic		0.03	377 mg/L	0.0050	94	90	110		
Cadmium		0.01	195 mg/L	0.0010	97	90	110		
Chromium	1	0.03	381 mg/L	0.010	95	90	110		
Iron		0.1	198 mg/L	0.020	99	90	110		
Nickel		0.03	384 mg/L	0.0050	96	90	110		
Selenium		0.03	376 mg/L	0.0050	94	90	110		
Silver		0.01	191 mg/L	0.0050	96	90	110		
Thallium		0.04	105 mg/L	0.0050	101	90	110		
Uranium		0.03	383 mg/L	0.00030	96	90	110		
Zinc		0.03	369 mg/L	0.0050	92	90	110		
Lab ID:	ccv	11 Continuin	g Calibration \	Verification Standa	rd			07/27	/25 11:27
Antimony		0.04	172 mg/L	0.0050	94	90	110		
Arsenic		0.04	168 mg/L	0.0050	94	90	110		
Cadmium		0.04	166 mg/L	0.0010	93	90	110		
Chromium	1	0.04	165 mg/L	0.010	93	90	110		
Iron		1	.24 mg/L	0.020	96	90	110		
Nickel		0.04	164 mg/L	0.0050	93	90	110		
Selenium		0.04	167 mg/L	0.0050	93	90	110		
Silver		0.01	l85 mg/L	0.0050	92	90	110		
Thallium		0.04	168 mg/L	0.0050	94	90	110		
Uranium		0.04	179 mg/L	0.00030	96	90	110		
Zinc		0.04	149 mg/L	0.0050	90	90	110		
Method:	E200.8							Bato	h: 201819
Lab ID:	MB-201819	6 Method B	lank			Run: ICPM	S209-B_250725 <i>F</i>	07/26	/25 11:48
Antimony			ND mg/L	0.00002					
Arsenic			ND mg/L	0.00003					
Chromium	1		ND mg/L	0.0003					
Iron		0	.02 mg/L	0.004					
Thallium			ND mg/L	0.00008					
Uranium			ND mg/L	0.00001					
Lab ID:	LCS4-201819	6 Laborator	y Control San	nple		Run: ICPM	S209-B_250725 <i>F</i>	A 07/26	/25 11:53
Antimony		0.1	l14 mg/L	0.0050	114	85	115		
Arsenic		0.09	983 mg/L	0.0010	98	85	115		
Chromium	1	0.09	973 mg/L	0.0010	97	85	115		
Iron		0.5	513 mg/L	0.010	103	85	115		
Thallium		0.1	107 mg/L	0.0010	107	85	115		

Qualifiers:

RL - Analyte Reporting Limit

Report Date: 08/04/25

Work Order: B25071973

QA/QC Summary Report

Prepared by Billings, MT Branch

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8									Batcl	h: 201819
Lab ID:	LCS4-201819	6 La	boratory Co	ntrol Sample			Run: ICPMS	S209-B_250725A		07/26/	/25 11:53
Uranium			0.106	mg/L	0.00030	106	85	115			
Lab ID:	B25071950-001DMS4	l 6 Sa	mple Matrix	Spike			Run: ICPMS	S209-B_250725A		07/26/	/25 12:10
Antimony			0.107	mg/L	0.0010	107	70	130			
Arsenic			0.101	mg/L	0.0010	95	70	130			
Chromium			0.0943	mg/L	0.0050	94	70	130			
Iron			3.04	mg/L	0.020		70	130			Α
Thallium			0.101	mg/L	0.00050	101	70	130			
Uranium			0.103	mg/L	0.00030	102	70	130			
Lab ID:	B25071950-001DMSE	04 6 Sa	mple Matrix	Spike Duplic	cate		Run: ICPMS	S209-B_250725A		07/26/	/25 12:16
Antimony			0.106	mg/L	0.0010	106	70	130	0.6	20	
Arsenic			0.103	mg/L	0.0010	97	70	130	2.2	20	
Chromium			0.0959	mg/L	0.0050	96	70	130	1.7	20	
Iron			3.10	mg/L	0.020		70	130	2.0	20	Α
Thallium			0.102	mg/L	0.00050	102	70	130	1.0	20	
Uranium			0.103	mg/L	0.00030	103	70	130	0.5	20	
Lab ID:	B25072005-001CMS4	l 6 Sa	mple Matrix	Spike			Run: ICPMS	S209-B_250725A		07/26/	/25 13:26
Antimony			0.116	mg/L	0.0010	111	70	130			
Arsenic			0.125	mg/L	0.0010	99	70	130			
Chromium			0.100	mg/L	0.0050	97	70	130			
Iron			3.08	mg/L	0.020		70	130			Α
Thallium			0.107	mg/L	0.00050	106	70	130			
Uranium			0.110	mg/L	0.00030	109	70	130			
Lab ID:	B25072005-001CMSE)4 6 Sa	mple Matrix	Spike Duplic	cate		Run: ICPMS	S209-B_250725A		07/26/	/25 13:32
Antimony			0.110	mg/L	0.0010	105	70	130	5.1	20	
Arsenic			0.121	mg/L	0.0010	95	70	130	2.8	20	
Chromium			0.0984	mg/L	0.0050	95	70	130	1.7	20	
Iron			3.05	mg/L	0.020		70	130	0.9	20	Α
Thallium			0.102	mg/L	0.00050	102	70	130	4.7	20	
Uranium			0.103	mg/L	0.00030	102	70	130	6.7	20	
Method:	E200.8									Batch:	R446475
Lab ID:	LRB	6 Me	ethod Blank				Run: ICPMS	S209-B_250725A		07/25/	/25 14:00
Cadmium			ND	mg/L	9E-6						
Iron			ND	mg/L	0.001						
Nickel			ND	mg/L	0.00006						
Selenium			ND	mg/L	0.00002						
Silver			ND	mg/L	3E-6						
Zinc			ND	mg/L	0.001						
	LFB	6 La	boratory For	tified Blank			Run: ICPMS	S209-B_250725A		07/25/	/25 14:16
Lab ID:								_			
Lab ID: Cadmium			0.0517	mg/L	0.0010	103	85	115			
			0.0517 5.28	mg/L mg/L	0.0010 0.020	103 106	85 85	115 115			

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: B25071973 Report Date: 08/04/25

Analyte Count Result Units RI %REC Low Limit High Limit RPD RPDL imit G

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8									Batch:	R446475
Lab ID:	LFB	6 Labo	oratory For	tified Blank			Run: ICPMS	S209-B_250725A		07/25/	25 14:16
Selenium			0.0461	mg/L	0.0050	92	85	115			
Silver			0.0208	mg/L	0.0050	104	85	115			
Zinc			0.0475	mg/L	0.0050	95	85	115			
Lab ID:	B25071970-019BMS	6 Sam	ple Matrix	Spike			Run: ICPMS	S209-B_250725A		07/25/	25 22:32
Cadmium			0.105	mg/L	0.0010	104	70	130			
Iron			10.2	mg/L	0.020	102	70	130			
Nickel			0.107	mg/L	0.0050	88	70	130			
Selenium			0.0939	mg/L	0.0010	90	70	130			
Silver			0.0414	mg/L	0.0010	103	70	130			
Zinc			0.0897	mg/L	0.010	88	70	130			
Lab ID:	B25071970-019BMSD	6 Sam	ple Matrix	Spike Dupli	cate		Run: ICPMS	S209-B_250725A		07/25/	25 22:37
Cadmium			0.104	mg/L	0.0010	103	70	130	0.9	20	
Iron			10.4	mg/L	0.020	104	70	130	2.1	20	
Nickel			0.108	mg/L	0.0050	89	70	130	0.5	20	
Selenium			0.0950	mg/L	0.0010	92	70	130	1.2	20	
Silver			0.0411	mg/L	0.0010	103	70	130	0.5	20	
Zinc			0.0920	mg/L	0.010	90	70	130	2.5	20	
Lab ID:	MB-201846	6 Meth	nod Blank				Run: ICPMS	S209-B_250725A		07/25/	25 23:32
Cadmium			ND	mg/L	7E-6						
Iron			ND	mg/L	0.001						
Nickel			ND	mg/L	0.00006						
Selenium			ND	mg/L	0.00002						
Silver			ND	mg/L	5E-6						
Zinc			ND	mg/L	0.001						
Lab ID:	B25071970-019BMS	6 Sam	ple Matrix	Spike			Run: ICPMS	S209-B_250725A		07/27/	/25 11:38
Cadmium			0.0956	mg/L	0.0010	95	70	130			
Iron			9.29	mg/L	0.020	93	70	130			
Nickel			0.107	mg/L	0.0050	89	70	130			
Selenium			0.0889	mg/L	0.0010	86	70	130			
Silver			0.0380	mg/L	0.0010	95	70	130			
Zinc			0.0874	mg/L	0.010	87	70	130			
Lab ID:	B25071970-019BMSD	6 Sam	ple Matrix	Spike Dupli	cate		Run: ICPMS	S209-B_250725A		07/27/	25 11:43
Cadmium			0.0955	mg/L	0.0010	95	70	130	0.2	20	
Iron			9.57	mg/L	0.020	96	70	130	3.0	20	
Nickel			0.110	mg/L	0.0050	91	70	130	2.0	20	
Selenium			0.0908	mg/L	0.0010	87	70	130	2.1	20	
Silver			0.0383	mg/L	0.0010	96	70	130	8.0	20	
Zinc			0.0884	mg/L	0.010	88	70	130	1.0	20	
Lab ID:	MB-201846	6 Meth	nod Blank				Run: ICPM	S209-B_250725A		07/27/	/25 12:21
Cadmium			ND	mg/L	7E-6						
Iron			ND	mg/L	0.001						

Qualifiers:

RL - Analyte Reporting Limit

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25071973 **Report Date:** 08/04/25

Analyte		Count	Result	Units	RL	%REC Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E200.8								Batch:	R446475
Lab ID:	MB-201846	6 Metho	od Blank			Run: ICPMS	S209-B_250725	Д	07/27/	/25 12:21
Nickel			ND	mg/L	0.00006					
Selenium			ND	mg/L	0.00002					
Silver			ND	mg/L	5E-6					
Zinc			ND	mg/L	0.001					

Qualifiers:

RL - Analyte Reporting Limit



Prepared by Billings, MT Branch

Work C	Order: B25071973							Repo	rt Date:	08/04/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E245.1							Analytic	cal Run:	HGCV203-B	_250724A
Lab ID:	ICV-201773	Init	tial Calibration	on Verificat	ion Standard					07/24	/25 09:55
Mercury			0.00213	mg/L	0.00010	106	90	110			
Lab ID:	CCV1	Co	ntinuing Cal	libration Ve	rification Standaı	⁻ d				07/24	/25 09:56
Mercury			0.00253	mg/L	0.00010	101	95	105			
Lab ID:	ccv	Co	ntinuing Cal	libration Ve	rification Standaı	rd				07/24	/25 10:16
Mercury			0.00246	mg/L	0.00010	98	90	110			
Method:	E245.1									Batc	h: 201773
Lab ID:	MB-201773	Me	thod Blank				Run: HGCV	/203-B_250724 <i>/</i>	4	07/24	/25 09:59
Mercury			ND	mg/L	0.00006						
Lab ID:	LCS-201773	Lal	boratory Co	ntrol Sampl	е		Run: HGCV	/203-B_250724 <i>/</i>	Ą	07/24	/25 10:00
Mercury			0.00205	mg/L	0.00010	102	85	115			
Lab ID:	B25071941-001BMS	Sa	mple Matrix	Spike			Run: HGCV	/203-B_250724 <i>/</i>	Д	07/24	/25 10:22
Mercury			0.00203	mg/L	0.00010	102	70	130			
Lab ID:	B25071941-001BMS	D Sa	mple Matrix	Spike Dup	licate		Run: HGCV	/203-B_250724/	4	07/24	/25 10:23
Mercury			0.00202	mg/L	0.00010	101	70	130	0.7	30	

RL - Analyte Reporting Limit



Prepared by Billings, MT Branch

Work Order: B25071973 Report Date: 07/31/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	A4500-S D									Batch:	R446375
Lab ID:	MBLK	Ме	thod Blank				Run: SPEC	3_250724A		07/24/	25 11:23
Sulfide			ND	mg/L	0.01						
Lab ID:	LCS	Lal	boratory Cor	ntrol Sample			Run: SPEC	3_250724A		07/24/	25 11:23
Sulfide			0.204	mg/L	0.040	93	85	115			
Lab ID:	B25071975-001DMS	Sa	mple Matrix	Spike			Run: SPEC	3_250724A		07/24/	25 11:23
Sulfide			0.414	mg/L	0.040	94	70	130			
Lab ID:	B25071975-001DMSI	D Sa	mple Matrix	Spike Duplicate			Run: SPEC	3_250724A		07/24/	25 11:23
Sulfide			0.412	mg/L	0.040	94	70	130	0.5	20	

Prepared by Billings, MT Branch

Work Order: B25071973 **Report Date:** 07/31/25

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E300.0							Analytical	Run: IC N	METROHM 2_	_250723A
Lab ID:	ICV	3 Init	tial Calibratio	on Verification	Standard					07/23/	/25 15:08
Chloride			26.0	mg/L	1.0	104	90	110			
Sulfate			104	mg/L	1.0	104	90	110			
Fluoride			1.32	mg/L	0.10	105	90	110			
Lab ID:	ccv	3 Co	ntinuing Cal	ibration Verific	cation Standar	rd				07/23/	/25 19:55
Chloride			26.1	mg/L	1.0	104	90	110			
Sulfate			104	mg/L	1.0	104	90	110			
Fluoride			1.24	mg/L	0.10	99	90	110			
Method:	E300.0									Batch:	R446367
Lab ID:	ICB	3 Me	ethod Blank				Run: IC ME	TROHM 2_250	723A	07/23/	/25 15:25
Chloride			ND	mg/L	0.1						
Sulfate			ND	mg/L	0.7						
Fluoride			ND	mg/L	0.009						
Lab ID:	LFB	3 La	boratory For	tified Blank			Run: IC ME	TROHM 2_250	723A	07/23/	/25 15:41
Chloride			24.6	mg/L	1.0	99	90	110			
Sulfate			99.2	mg/L	1.0	99	90	110			
Fluoride			1.28	mg/L	0.10	102	90	110			
Lab ID:	B25071948-001AMS	3 Sa	mple Matrix	Spike			Run: IC ME	TROHM 2_250)723A	07/23/	/25 20:28
Chloride			29.8	mg/L	1.0	107	90	110			
Sulfate			137	mg/L	1.1	106	90	110			
Fluoride			1.53	mg/L	0.10	103	90	110			
Lab ID:	B25071948-001AMSD) 3 Sa	mple Matrix	Spike Duplica	ate		Run: IC ME	TROHM 2_250)723A	07/23/	/25 20:45
Chloride			29.9	mg/L	1.0	107	90	110	0.4	20	
Sulfate			138	mg/L	1.1	106	90	110	0.4	20	
Fluoride			1.54	mg/L	0.10	104	90	110	0.5	20	
Lab ID:	B25071958-002AMS	3 Sa	mple Matrix	Spike			Run: IC ME	TROHM 2_250	723A	07/24/	/25 00:25
Chloride			426	mg/L	2.6	107	90	110			
Sulfate			1590	mg/L	11	106	90	110			
Fluoride			13.9	mg/L	0.13	103	90	110			
Lab ID:	B25071958-002AMSD) 3 Sa	mple Matrix	Spike Duplica	ate		Run: IC ME	TROHM 2_250)723A	07/24/	/25 00:42
Chloride			426	mg/L	2.6	107	90	110	0.1	20	
Sulfate			1590	mg/L	11	106	90	110	0.2	20	
Fluoride			13.9	mg/L	0.13	103	90	110	0.1	20	

Qualifiers:

RL - Analyte Reporting Limit



Prepared by Billings, MT Branch

Work (Order: B25071973							Repor	t Date:	07/31/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	Kelada-01							Analyti	cal Run	: SFA-202-B_	_250724A
Lab ID:	ICV	Init	ial Calibrati	on Verification St	andard					07/24/	/25 14:46
Cyanide,	Weak Acid Dissociable		0.00975	mg/L	0.0010	97	90	110			
Method:	Kelada-01									Batch:	R446401
Lab ID:	ICB	Me	thod Blank				Run: SFA-2	202-B_250724A		07/24/	/25 14:47
Cyanide,	Weak Acid Dissociable		ND	mg/L	0.0007						
Lab ID:	LFB	Lat	ooratory For	tified Blank			Run: SFA-2	202-B_250724A		07/24/	/25 14:49
Cyanide,	Weak Acid Dissociable		0.00992	mg/L	0.0010	99	90	110			
Lab ID:	LCS1-ZnCN	Lat	ooratory Co	ntrol Sample			Run: SFA-2	202-B_250724A		07/24/	/25 14:51
Cyanide,	Weak Acid Dissociable		0.00986	mg/L	0.0010	99	90	110			
Lab ID:	B25071973-001EMS	Sa	mple Matrix	Spike			Run: SFA-2	202-B_250724A		07/24/	/25 15:09
Cyanide,	Weak Acid Dissociable		0.00994	mg/L	0.0010	99	80	120			
Lab ID:	B25071973-001EMSE) Sa	mple Matrix	Spike Duplicate			Run: SFA-2	202-B_250724A		07/24/	/25 15:13
Cyanide,	Weak Acid Dissociable		0.0102	mg/L	0.0010	101	80	120	2.1	10	

RL - Analyte Reporting Limit

Work Order Receipt Checklist

Linkan Engineering

Login completed by: Crystal M. Jones

B25071973

Date Received: 7/23/2025

Reviewed by:	dharris		Re	ceived by: ET
Reviewed Date:	7/24/2025		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 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:	3.8°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 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

B25071973

pH < 2. CMJ 07/23/25

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com 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 (E)

Chain of Custody & Analytical Request Record

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Page 1 of 1

	ACCOUNT INTO MARION (Billing information)	ig information)		INC	Sort III	Ormatio	Report Information (if different than Account Information)	nt than Acc	count Intorn	nation)		Comments	••		
Company/Name Linkan	Linkan			Con	Company/Name Linkan	Linkan						Outfall 001	A - Bi-We	Outfall 001A - Bi-Weekly Sample	
Contact	Chris Prosper			Contact	tact	Alex Sc	Alex Schwiebert								
Phone	775-777-8003			Phone	ЭС	775-397-6779	6779-7								
Mailing Address	2720 Ruby Vista Dr	a Dr		Mail	Mailing Address		2720 Ruby Vista Dr	۵				Please em	ail Report	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	er@linka	n.com	
Email /	AP@linkan.com	_		Email	=	see cor	see comments					adam.billin@linkan.com	@linkan.c	moc	
- 22 4	□Hard Copy ■Email	Receive Report	□Hard Copy ■	Email Rec	Receive Report	□Hard Co	py EEmail	_				alex.scnwlebert@iinkan.com befer havs@state.co.us	ebert@illn	Kan.com	
Purchase Order 25-0152	Quote H17287	B.	Bottle Order (937ザ	Spec	Special Report/Formats: ☐ LEVEL IV ☐NELAC	Q A	■ EDD/EDT (contact taboratory) □ Other.	(contact labo	ratory) 🗆 Ol	ther					
Project Information	mation				Matrix Codes	sopo			Analy	Analysis Requested	lested				
Project Name, PW	SID, Permit, etc. Sc	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	Aine		A- Air			əld		_				All turnaround times are	
Sampler Name		Sampler Phone	e		100	Water	wn	era/		Blue		wn		standard unless marked as RUSH.	
Sample Origin State Colorado	e Colorado	EPA/State Compliance	ompliance 🔳 Yes	oN 🗆 sə	- S S - >	Solids			ally			ibsA		Energy Laboratories MUST be contacted prior to	
URANIUM MINING ☐ Unprocessed Or ☐ Processed Ore (☐ 11(e)2 Byproduc	S CLIENTS MUST in the control of Refined) of Material (Can ONI)	URANIUM MINING CLIENTS MUST Indicate sample type Unprocessed Ore Processed Ore Cound or Refined) **CALL BEFORE SENDING 1 Processed Ore Cound on Refined) Year Submitted to ELI Casper Location)	e ENDING ELI Casper Locati	ion)	B - Bio O - Oil DW - Drin	Bioassay Oli Drinking Water	valent Ch	R IstoT ,a	s, Potenti ved	de, WAD	metric m 226, D	+ 925 m	Attached	RUSH sample submittel for charges and scheduling – See Instructions Page	
Sa	Sample Identification (Name, Location, Interval, etc.)	ation II, etc.)	Colle	Time	Number of Containers	Matrix (See Codes			Metal OssiQ		Colori	Padiu 822		ELI LAB ID	
1 Outfall 001A	4		7/22	16/20	Q	3							•	182	
2													•		
3															
+															
5															
9															
7															
80 0															
	REQUIRED to p	ELI is REQUIRED to provide preservative traceability. If th	ive traceabilit	y. If the pres	ervatives s	upplied w	ith the bot	tle order v	vere NOT	used, plea	se attach	your preserv	ative inform	e preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC	1 1
-	Relinquished by (print)	Kerth 1	Date/Time /IS:	30 Signatures	The			Received by (print)	(print)		D	Date/Time	Sign	Signature	
MUST Re	Relinquished by (print)		ate/Time/	Signa	<u>e</u>			Received by	Laboratory	Received by Laboratory (print)		Date/Time	(1:10 Sign	Signature G Bart	
						LABORAT	LABORATORY USE ONLY	NILY /	100000 100000		76878 JUNE		months and the		100
Shipped By	Cooler ID(s)	Custody Seals	Intact	Receipt Lemp	pt Lemp Lemp Blank	Ш	ou loo	, 00	Payment Type	nent Type		Amount	Receipt	Receipt Number (cashlehack.okly)	
		2)	-					IECH		9			$\overline{}$

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 193741

SHIPPED

Linkan Engineering

Contact: Chris Prosper

400 Corporate Circle, Suite H

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

	Bottles Per			Critical			Num
Bottle Size/Type	Samp	Method	Tests	Time	Preservative	Notes	Same
							diano
	100						

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)	Fime	es Weekl	y TSS (12 Sets)				
1 Liter Plastic Wide Mouth	1	1 A2540 D Solids, Total	Solids, Total Suspended			Fill to the neck of the container.	-
Outfall 001A Bi-Weekly (2 Sets)	eekly	(2 Sets)					
250 mL Plastic	7	A3500-Cr B	1 A3500-Cr B Chromium, Hexavalent	24.00 hrs			-
		E300.0	Anions by Ion Chromatography				
250 mL Plastic	1	1 E200.7_8	Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	-
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total Recoverable		HNO3		_
		Calculation	Calculation Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				
		E200.2	Metals Digestion by E200.2				6
		E245.1	Mercury Digestion by E245.1				

BO#: 193741

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

Comments

HNO3 - Nitric Acid H2SO4 - Sulfuric Acid NaOH - Sodium Hydroxide Nestrongly suggest that the samples are shipped the same day as they are collected. Acid Acid Acid Baterial Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant. Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.		
Acid Acetate HUI - Hydrochloric Acid Acid Sheets Acid Acid Acid Acid Acid Acid Acid Acid		We strongly suggest that the samples are
Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant. Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.		shipped the same day as they are collected.
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.	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.	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 will be indicated within the Laboratory Analytical Report.	ries 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.





LABORATORY ANALYTICAL REPORT

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





LABORATORY ANALYTICAL REPORT

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	ď				07/03	/25 13:58
Oxygen Demand, Chemical (COI	D)	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)	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 www.energylab.com 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

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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 see comments Analysis Requested Analysis Analysis Requested Analysis Requested Analysis Requested Analysis Requested Analysis Requested Analysis Requested Analysis Analysis Requested Analysis Analysis Requested Analysis Analysis Analysis Analysis Analysis	CompanyName Linkan Chris Proper CompanyName Linkan CompanyName Linkan Chris Proper CompanyName Linkan Chris Proper Chris Proper CompanyName Linkan Chris Proper Chri	ACCOUNT INTOLLIATION (Billing information)		Aeport Information (if different than Account Information)	nt than Account Information)	Comments
Contact	Contact T15-177-8000	Company/Name Linkan	O	company/Name Linkan		Outfall 001A - Weekly Sample
Phone 175-377-8003 Phone 175-397-6779 Phone 175-397-677	Phone 775-377-8003		J			
Page	Propose of the Part of the P	1940				
A	State Stat		2		Dr	Please email Report and EDD results to:
Seel Comments AP@linkan.com Seel Comments Seel Comment	Email		0			chris.prosper@linkan.com
Troject Information Topic Name Control	Control By Each of Logy Each of Indian Cody Each of Indian					adam.billin@linkan.com
Countral Order H17287 H1	Cutoble Order	☐Hard Copy ■Email				peter.hays@state.co.us
Project Information	Toject Information Toject Name, PWSID, Permit, etc. Schwartzweilder Mine Troject Name, Collectord Sample United Stronger Property Troject Name Sample United Stronger Name Sample Name Sample United Stronger Name Sample United Stronger Name Sample United Stronger Name Sample United Stronger Name Sample Name Sample United Stronger Name Sample Name Sample Name Sample United Stronger Name Sample Name S	Quote H17287		Q V	(confact laboratory))
Project Name, PWSID, Permit, etc. Schwartzwalder Mine wroper Name Expand Acade Sample Origin State Colorado EPA/State Compilance E vee	Processor Parameter Para	Project Information	24	Matrix Codes	Analysis Requested	
The state of the following the control of the state of th	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 Mi	fine	Air		All turnaround times are
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Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined) "CALL BEFORE SENDING For Date of Processed On Ground or Refined On Ontrall OO1 A	Processed One Control of Suppose Service Processed Control of Service Processe		■ Yes □	Solids O		
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' be Submitted to EL	e ENDING ELI Casper Location)	Bioassay nd Oil Drinking Spend Water S	put	
Outfall 001A C/26/25 14/6 V Inspector of the standard of the standar	Outfall 001A C/36/25 4/6 d V </td <td>Sample Identification (Name, Location, Interval, etc.)</td> <td>2 -</td> <td>Matrix Ra</td> <td>Dems</td> <td>RUSH</td>	Sample Identification (Name, Location, Interval, etc.)	2 -	Matrix Ra	Dems	RUSH
Outfall 001A	Outfall 001A	1 Outfall 001A	7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		 KASOTORIA
Outfall 001A	Outfall 001A 2 1 2 2 2 2 2 2 2 2		14	5 1 W		•
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ELI IS REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative Record Record Provided Provide	ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative Received by (print) Custody Record MUST Reinyduished by (print) Received	9				
ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative Custody Reginquished by (print) Record MUST Rein/dished by (print) Reginal Regin	Custody Remarked by (print) Record MUST Rein/dished by (print) Resigned By Cooler ID(s) Shipped By Coo	7				
ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative Custody Record Received by (print) Reinquished by (print) Record Received by (print) Record Record Received by (print) Record Record Record Record Record Received by (print) Record R	ELI IS REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative Custody Record MUST Rein/Mished by (print) Resigned by (print)	8				
Signature by (print) PaterTime Signature Signa	Relinquished by (print) Relinduished by (print) Relind	6	_			
Reinquished by (print) Date/Time Signature Sig	Relinquished by (print) Date/Time Signature Si	ELI is REQUIRED to provide preservati	<u>+</u>	preservatives supplied with the bot	ittle order were NOT used, please att	ach your preservative information with this COC.
Relinquished by (print) Received by Laboratory (print) LABORATORY USE ONES LABORATORY USE ONES	Relinguished by (print) Date/Time Signature Signature Signature Signature Signature Date/Time Da	Relinquished by (print)		gnature And Andrews	Received by (print)	
LABORATORY USE ONEY	Sy Cooler ID(s) Custody Seals Intact Receipt Temp Blank On Ice Payment Type Amount Cooler ID(s) Custody Seals Intact Receipt Temp Blank On Ice Payment Type Amount Cooler ID(s) Y N C B Y N °C Y N Y N C C Cash Check S	Relinguished by (print)		gnative	Aby Laborater (prints)	1015
	Cooler ID(s) Custody Seals Intact Receipt Temp Temp Blank On Ice Payment Type Amount *C Y N C B Y N C C Cash Check \$			LABORATORY USE	ONE	

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	-	E410.4	Chemical Oxygen Demand		H2SO4		-
		HACH 8000	HACH 8000 Preparation for COD testing HACH 8000				
Outfall 001A 3 Times Weekly TSS (3 Sets)	M sau	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	neets(Material Safety Data Sheets (MSD)	-
		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

ANALYTICAL SUMMARY REPORT

August 28, 2025

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

Work Order: B25070838 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 7/10/2025 for analysis.

Lab ID	Client Sample ID	Collect Date Ro	eceive Date	Matrix	Test
B25070838-001	Outfall 001A	07/04/25 13:30	07/10/25	Aqueous	Solids, Total Dissolved
B25070838-002	Outfall 001A	07/07/25 14:20	07/10/25	Aqueous	Same As Above
B25070838-003	Outfall 001A	07/09/25 14:15	07/10/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000 Solids, Total Dissolved

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.

Revised Date: 08/28/25

Report Date: 07/16/25

CASE NARRATIVE

CLIENT: Linkan Engineering
Project: Schwartzwalder Mine
Work Order: B25070838

Revised Report 8/28/2025;

Due to a laboratory error, total dissolved solids were analyzed instead of total suspended solids as specified on the chain of custody. The error was found after the hold time for total suspended solids had expired.

We apologize for the error and the charge for the workorder will be removed.

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070838-001
Client Sample ID: Outfall 001A

Revised Date: 08/28/25
Report Date: 07/16/25
Collection Date: 07/04/25 13:30
DateReceived: 07/10/25

Matrix: Aqueous

Analyses	Result Units	Qualifiers	RL	MCL/ QCL Method	Analysis Date / By
PHYSICAL PROPERTIES					
Solids, Total Dissolved TDS @ 180 C	114 mg/L		20	A2540 C	07/10/25 16:45 / etv

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
Project: Schwartzwalder Mine
Lab ID: B25070838-002
Client Sample ID: Outfall 001A

Revised Date: 08/28/25
Report Date: 07/16/25
Collection Date: 07/07/25 14:20
DateReceived: 07/10/25

Matrix: Aqueous

Analyses	Result Units	Qualifiers	RL	MCL/ QCL Method	Analysis Date / By
PHYSICAL PROPERTIES Solids, Total Dissolved TDS @ 180 C	112 mg/L		20	A2540 C	07/10/25 16:45 / etv

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 Project: Schwartzwalder Mine B25070838-003 Lab ID: Client Sample ID: Outfall 001A

Revised Date: 08/28/25 **Report Date: 07/16/25** Collection Date: 07/09/25 14:15

DateReceived: 07/10/25 Matrix: Aqueous

Analyses	Result Units	Qualifiers	RL	MCL/ QCL Method	Analysis Date / By
PHYSICAL PROPERTIES Solids, Total Dissolved TDS @ 180 C	107 mg/L		20	A2540 C	07/10/25 16:45 / etv
AGGREGATE ORGANICS Oxygen Demand, Chemical (COD)	ND mg/L		5	E410.4	07/11/25 15:41 / fap

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

MCL - Maximum Contaminant Level



Prepared by Billings, MT Branch Revised Date: 08/28/25

Billings, MT 406.252.6325 • Casper, WY 307.235.0515

Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

Work Order: B25070838 Report Date: 07/16/25

Analyte Co	unt Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C							В	atch: TDS20	250710D
Lab ID: MBLK_20250710-8	Method Blank				Run: Bal #3	0_250710F		07/10/	25 16:44
Solids, Total Dissolved TDS @ 180 0	ND ND	mg/L	20						
Lab ID: LCS_20250710-5	Laboratory Cor	ntrol Sample			Run: Bal #3	0_250710F		07/10/	25 16:44
Solids, Total Dissolved TDS @ 180 0	938	mg/L	25	94	90	110			
Lab ID: B25070837-001ADUP	Sample Duplic	ate			Run: Bal #3	0_250710F		07/10/	25 16:45
Solids, Total Dissolved TDS @ 180 0	4610	mg/L	250				1.3	10	

Qualifiers:

RL - Analyte Reporting Limit



Work Order: B25070838

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

Revised Date: 08/28/25 **Report Date:** 07/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4								Analytical I	Run: SPEC3	_250711A
Lab ID: CCV-201379	Coi	ntinuing Cal	ibration Verificat	on Standar	rd				07/11/	/25 15:41
Oxygen Demand, Chemical (COI	D)	47.0	mg/L	5.0	94	90	110			
Method: E410.4									Batc	h: 201379
Lab ID: MB-201379	Me	thod Blank				Run: SPEC	3_250711A		07/11	/25 15:41
Oxygen Demand, Chemical (COI	D)	ND	mg/L	3						
Lab ID: LCS-201379	Lab	ooratory Cor	ntrol Sample			Run: SPEC	3_250711A		07/11	/25 15:41
Oxygen Demand, Chemical (COI	O)	22.3	mg/L	5.0	91	90	110			
Lab ID: B25070819-001HMS	Sar	mple Matrix	Spike			Run: SPEC	3_250711A		07/11	/25 15:41
Oxygen Demand, Chemical (COI	D)	29.0	mg/L	5.0	94	90	110			
Lab ID: B25070819-001HMSI) Sar	mple Matrix	Spike Duplicate			Run: SPEC	3_250711A		07/11	/25 15:41
Oxygen Demand, Chemical (COI	O)	29.3	mg/L	5.0	95	90	110	1.1	10	

RL - Analyte Reporting Limit

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com 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
AÑAB	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
AND 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 r	Montana	CERT0002
SULTO ACCREDITA	Nebraska	NE-OS-08-04
TNI	Nevada	NV-C24-00245
LABORATOR'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

LABORATORIES TO Inst our Data.

Chain of Custody & Analytical Request Record

of 1 Page 1

Account Inf	Account Information (Billing information)	information)		Rep	Report Information (if different than Account Information)	ion (if differ	ent than Accou	nt Information)	Comments		
Company/Name Linkan	Linkan			Compa	Company/Name Linkan	u.			Outfall 001A - Weekly Sample	Weekly	Sample
Contact	Chris Prosper			Contact	22	Alex Schwiebert	_				
Phone	775-777-8003			Phone	775-3	775-397-6779					
Mailing Address	2720 Ruby Vista Dr	Ď		Mailing	Mailing Address 2720	2720 Ruby Vista Dr	a Dr		Please email	Report a	Please email Report and EDD results to:
City, State, Zip	Elko, NV 89801			City, S	City, State, Zip Elko,	Elko, NV 89801			chris.prosper@linkan.com	@linkan.	com
Email	AP@linkan.com			Email	see	see comments			adam.billin@linkan.com	inkan.co	om an com
Receive Invoice	☐Hard Copy ■Email	Receive Report □Hard Copy ■Email]Hard Copy ■Er		Receive Report	Copy Email	aii		peter.hays@state.co.us	tate.co.	ns
Purchase Order 25-0152	Quote H17287	Bott	Bottle Order 27		Special Report/Formats:		■ EDD/EDT (contact laboratory) □ Other	олу) □ Other			
Project Information	rmation				Matrix Codes			Analysis Requested	ted		
Project Name, PV	Project Name, PWSID, Permit, etc. Schwartzwalder Mine	nwartzwalder Min	Je Je		A- Air	9					All turnaround times are standard unless marked as
Sampler Name	Brown + Acou		Sampler Phone 70 -238	S-Cale	W- Water	pilos					RUSH.
Sample Origin State Colorado	atelColorado	EPA/State Compliance	npliance 🔳 Yes	ON [V - Vegetation	_	uəfi			p	MUST be contacted prior to
URANIUM MININ	URANIUM MINING CLIENTS MUST indicate sample type ☐ Unprocessed Ore	dicate sample type	O S		B - Bioassay O - Oil	ouəds	li Oxy			зсрв	Charges and scheduling –
☐ 11(e)2 Byprodu	uct Material (Can ONL)	Y be Submitted to EL	Casper Location	(-	DW - Water					βA	
S	Sample Identification	tion etc.)	Collection	Time	Number of See Codes	IstoT	Dems			See TAT	ELI LAB ID Laboratory Use Only
1 Outfall 001A	14		34/1/2	3:30	3					•	825670838
2 Outfall 001A	1A		2/4/2	98:7	3					•	
3 Outfall 001A	1A		1/4/251	14:30	2 1					•	
4											
5											
9										31	
7										ā	
80											
6											
H	ELI is REQUIRED to provide preservative traceability.	rovide preservati	ve traceability	-	ervatives supplie	ed with the t	ottle order w	ere NOT used, please	if the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.	ive inform	ation with this COC.
Custody	Relinquished by (print)	Da	Date/Time	Signature	9	,	Received by (print)	print)	Date/Time	Sign	Signature , , , , ,
	Religquished by (print)	\$ 9m	Pate/Fine / 153	3-0 Signature		Recei	Received by	Received by Laboratory (print)	Date Time 3 1115	-	Signature / John Signature / John
Shipped By	Cooler ID(s)	Custody Seals	Intact	Receipt Temp	Temp E	On Ice		Payment Type Cash Check	Amount \$	Receipt N	Receipt Number (cash/check only)
					325	70 70	2				

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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BOTTLE ORDER 186627

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

Engineering	
Linkan Engi	
SHIPPED	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: 9/3/2024 VIA: Ground

|--|

Schwartzwalder Mine - Weekly

Project: Phone:

(775) 389-5582

Quote Used: 17287

Num	Samp	
	Notes	
8.	Preservative	
Critical	Time	
	Tests	
	Method	
Bottles	Samp	
E	Bottle Size/Type	

Bottle Size/Type	Samp	Method	Tests	Time	Preservative	Notes	Samp
Outfall 001A Weekly COD	kly CC	QC					
500 mL Plastic	7	E410.4	Chemical Oxygen Demand		H2SO4		٢
		HACH 8000 Preparation	Preparation for COD testing HACH 8000				

01A 3 Time	Outfall 001A 3 Times Weekly TSS (3 So	SS (3 Sets)		
qe	1 A2540 D	Solids, Total Suspended	Fill to the neck of the container.	
	_		a	

Comments

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

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

is a skin irritan
Zinc Acetate
Hydroxide.
Is and Sodium
rochloric Acid
chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a sh
s, Sulfuric, Ph
micals: Nitric
Corrosive Che

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

BO#: 186627

ANALYTICAL SUMMARY REPORT

July 24, 2025

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

Work Order: B25071601 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 7/17/2025 for analysis.

Lab ID	Client Sample ID	Collect Date Re	eceive Date	Matrix	Test
B25071601-001	Outfall 001A	07/11/25 13:10	07/17/25	Aqueous	Solids, Total Suspended
B25071601-002	Outfall 001A	07/14/25 13:10	07/17/25	Aqueous	Same As Above
B25071601-003	Outfall 001A	07/16/25 14:15	07/17/25	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:07/24/25Project:Schwartzwalder MineCollection Date:07/11/25 13:10Lab ID:B25071601-001DateReceived:07/17/25Client 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	07/18/25 11:10 / 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:07/24/25Project:Schwartzwalder MineCollection Date:07/14/25 13:10Lab ID:B25071601-002DateReceived:07/17/25Client 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	07/18/25 11:10 / pjw

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

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:07/24/25Project:Schwartzwalder MineCollection Date:07/16/25 14:15Lab ID:B25071601-003DateReceived:07/17/25Client 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	07/18/25 11:10 / pjw
AGGREGATE ORGANICS Oxygen Demand, Chemical (COD)	ND mg/L		5	E410.4	07/18/25 15:16 / fap

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

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: B25071601 Report Date: 07/24/25

Analyte	Cou	ınt Resul	t Units	RL	%REC	Low Limit	High Limit	RPD RPDLimit	Qual
Method:	A2540 D							Batch: TSS20	0250718A
Lab ID:	MBLK_20250718-3	Method Blar	nk			Run: BAL #	30_250718F	07/18/	/25 11:09
Solids, To	otal Suspended TSS @ 105 C	C NE) mg/L	0.6					
Lab ID:	LCS_20250718-2	Laboratory (Control Sample			Run: BAL #	30_250718F	07/18/	25 11:09
Solids, To	otal Suspended TSS @ 105 C	95.0) mg/L	25	95	80	120		
Lab ID:	B25071606-004BDUP	Sample Dup	olicate			Run: BAL #	30_250718F	07/18/	/25 11:10
Solids, To	otal Suspended TSS @ 105 C	1.60) mg/L	10				10	J
TSS did r	not obtain the minimum residue red	quirement of 2.5	mg residue.						



QA/QC Summary Report

Prepared by Billings, MT Branch

Work C	Order: B25071601							Re	port Date:	07/24/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E410.4								Analytical F	Run: SPEC3	_250718B
Lab ID:	CCV-201618	Con	tinuing Cal	ibration Vei	rification Standa	rd				07/18	/25 15:16
Oxygen D	emand, Chemical (COD)	50.9	mg/L	5.0	102	90	110			
Method:	E410.4									Batc	h: 201618
Lab ID:	MB-201618	Met	hod Blank				Run: SPEC	3_250718B		07/18	/25 15:15
Oxygen D	emand, Chemical (COD)	ND	mg/L	3						
Lab ID:	LCS-201618	Lab	oratory Cor	ntrol Sampl	е		Run: SPEC	3_250718B		07/18	/25 15:15
Oxygen D	emand, Chemical (COD)	24.4	mg/L	5.0	100	90	110			
Lab ID:	B25071601-003BMS	San	nple Matrix	Spike			Run: SPEC	3_250718B		07/18	/25 15:16
Oxygen D	emand, Chemical (COD)	26.5	mg/L	5.0	108	90	110			
Lab ID:	B25071601-003BMSD	San	nple Matrix	Spike Dupl	licate		Run: SPEC	3_250718B		07/18	/25 15:16
Oxygen D	emand, Chemical (COD)	25.8	mg/L	5.0	106	90	110	2.6	10	

RL - Analyte Reporting Limit

Work Order Receipt Checklist

Linkan Engineering

Login completed by: Cindy Rohrer

B25071601

Date Received: 7/17/2025

Reviewed by:	dsawyer		Re	eceived by: SRG	
Reviewed Date:	7/24/2025		Ca	ırrier name: Return-FedEx	NDA
Shipping container/cooler in o	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, Sul	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:	5.0°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:

None

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com 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



Chain of Custody & Analytical Request Record

www.energylab.com

Page 1 of 1

Account Information (Billing information)	ation)	Report Information (if different than Account Information)	(if different than Accoun	(Information)	Comments		
Company/Name Linkan		Company/Name Linkan			Outfall 001A - Weekly Sample	Weekly	y Sample
Contact Chris Prosper		Contact Alex Schwiebert	viebert				
Phone 775-777-8003		Phone 775-397-6779	6779				
Mailing Address 2720 Ruby Vista Dr		Mailing Address 2720 Ruby Vista Dr	y Vista Dr		Please email F	Report :	Please email Report and EDD results to:
City, State, Zip Elko, NV 89801		City, State, Zip Elko, NV 89801	39801	.9	chris.prosper@linkan.com	Dlinkan	.com
Email AP@linkan.com		Email see comments	nents		adam.billin@linkan.com	nkan.cc	mo
Receive Invoice	eive Report	Receive Report	■Email		neter havs@state co us	tate Co	an.com
Purchase Order Quote 25-0152 H17287	Bottle Order	Special Report/Formats:	■ EDD/EDT (contact laboratory) □ Other_	y) □ Other			
Project Information		Matrix Codes		Analysis Requested	Pe	F	
Project Name, PWSID, Permit, etc. Schwartzwalder Mine	zwalder Mine	A- Air					All turnaround times are
Sampler Name Bruce + Acerted Sa	Sampler Phone 7/238/6/						Standard unless marked as RUSH.
	EPA/State Compliance Yes	Solids					Energy Laboratories MUST be contacted prior to
URANIUM MINING CLIENTS MUST indicate sample type ☐ Unprocessed Ore ☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING ☐ 11(e)2 Byproduct Material (Can ONLY be Submitted to ELI Casper Location)	sample type . BEFORE SENDING ubmitted to ELI Casper Location)	B - Bioassay O- Oil DW - Water Survey	yxO lsoir			Attached	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 Above)				See TAT	ELI LAB ID Laboratory Use Only
1 Outfall 001A	11/25 (3)	3				•	132567 [10]
2 Outfall 001A	161×7/1/4	/M 0				•	
3 Outfall 001A	7/16/25 14	3				•	
4							
S						1	9
9							
2						-	
8			X				
ō	i i						
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.	the bottle order wer	e NOT used, please at	ttach your preservativ	ve informa	ation with this COC.
Custody Relinquished by (print) Record	Date/Time / 1930	Signature ###	Received by (print)	nt)	Date/Time	Sign	Signature
MUST Refinquighed by (print) be signed	Date/Time	Signature	À	Laboratory (print)	Thas II.	Sign	Signetified Mit 30
Shipped By Cooler ID(s) Custody	Seals Intact	Receipt Temp Blank Or	lank On Ice Pa	Payment Type	Amount	Receipt N	Receipt Number (cash/check only)
	0	2	3		9		

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 193741

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

Quote Used: 17287

VIA: Ground

Num of Samp
Notes
Preservative
Critical Hold Time
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

Bottle Size/Type Samp Method	Samp	Method	Tests	Time	Preservative	Notes	Samp
							The state of the s
Outfall 001A Weekly COD (4 Sets)	kly CO	D (4 Set	s)	1			
500 mL Plastic	+	E410.4	1 E410.4 Chemical Oxygen Demand		H2SO4		1
		HACH 8000	HACH 8000 Preparation for COD testing HACH 8000				

Outfall 001A Three	Outfall 001A Three Times Weekly TSS (12 Sets)		
1 Liter Plastic Wide Mouth	1 A2540 D Solids, Total Suspended	Fill to the neck of the container.	-

Outfall 001A Bi-Weekly (2 Sets)	eekly	(2 Sets)					
250 mL Plastic		1 A3500-Cr B	A3500-Cr B Chromium, Hexavalent	24.00 hrs			-
		E300.0	E300.0 Anions by Ion Chromatography				
250 mL Plastic		1 E200.7_8	Metals by ICP/ICPMS, Dissolved		HN03	Filter before preservation	-
250 mL Plastic		1 E200.7_8	E200.7_8 Metals by ICP/ICPMS, Total Recoverable		HNO3		-
		Calculation	Calculation Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				-
		E200.2	Metals Digestion by E200.2				
		E245.1	Mercury Digestion by E245.1				

BO#: 193741

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			
500 mL Amber Plastic	1 Kelada-01	Kelada-01 Cyanide, Weak Acid Dissociable	NaOH		1
250 mL Plastic	1 A4500-S D	A4500-S D Sulfide, Methylene Blue Colorimetric	ZnAc NaOH	Zero headspace	-
1 Gallon Plastic	1 E903.0	Radium 226, Dissolved	HNO3	Filter before preservation	1
1 Gallon Plastic	1 A7500-RA E903.0 RA-05	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total	HNO3	This now only requires one (1) 15mL nitric acid vial for preservation.	-

Comments

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

Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch. Iaboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report. Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.

ANALYTICAL SUMMARY REPORT

July 30, 2025

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

Work Order: B25072143 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 7/24/2025 for analysis.

Lab ID	Client Sample ID	Collect Date Re	ceive Date	Matrix	Test
B25072143-001	Outfall 001A	07/18/25 14:20	07/24/25	Aqueous	Solids, Total Suspended
B25072143-002	Outfall 001A	07/21/25 14:25	07/24/25	Aqueous	Same As Above
B25072143-003	Outfall 001A	07/23/25 14:45	07/24/25	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.

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:07/30/25Project:Schwartzwalder MineCollection Date:07/18/25 14:20Lab ID:B25072143-001DateReceived:07/24/25Client 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	07/25/25 10:01 / pjw

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level

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:07/30/25Project:Schwartzwalder MineCollection Date:07/21/25 14:25Lab ID:B25072143-002DateReceived:07/24/25Client 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	07/25/25 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:07/30/25Project:Schwartzwalder MineCollection Date:07/23/25 14:45Lab ID:B25072143-003DateReceived:07/24/25Client 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	07/25/25 10:01 / pjw
AGGREGATE ORGANICS Oxygen Demand, Chemical (COD)	6 mg/L		5	E410.4	07/25/25 15:51 / 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: B25072143					Repo	rt Date: 07/30	0/25
Analyte Cou	nt Result	Units	RL	%REC Low Limi	t High Limit	RPD RPDL	imit Qual
Method: A2540 D						Batch: 1	SS20250725A
Lab ID: MBLK_20250725-1	Method Blank			Run: BAL	#30_250725A	(07/25/25 10:01
Solids, Total Suspended TSS @ 105 C	ND ND	mg/L	0.6				
Lab ID: LCS_20250725-1	Laboratory Con	trol Sample		Run: BAL	#30_250725A	(07/25/25 10:01
Solids, Total Suspended TSS @ 105 C	94.0	mg/L	25	94 80	120		
Lab ID: B25072142-001BDUP	Sample Duplica	ate		Run: BAL	#30_250725A	(07/25/25 10:01
Solids, Total Suspended TSS @ 105 C	101	mg/L	10			3.0	10
Lab ID: B25072181-001ADUP	Sample Duplica	ate		Run: BAL	#30_250725A	(07/25/25 14:18
Solids, Total Suspended TSS @ 105 C	380	mg/L	50			8.2	10

29.8

mg/L

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

5.8

10

110

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25072143 **Report Date: 07/30/25** RL %REC Low Limit High Limit Analyte Count Result Units RPD RPDLimit Qual Method: E410.4 Analytical Run: SPEC3 250725B CCV-201860 Lab ID: Continuing Calibration Verification Standard 07/25/25 15:51 Oxygen Demand, Chemical (COD) 50.2 100 110 mg/L 90 Method: E410.4 Batch: 201860 Lab ID: MB-201860 Method Blank Run: SPEC3 250725B 07/25/25 15:51 ND 3 Oxygen Demand, Chemical (COD) mg/L Lab ID: LCS-201860 Laboratory Control Sample 07/25/25 15:51 Run: SPEC3 250725B Oxygen Demand, Chemical (COD) 25.6 105 90 mg/L 5.0 Lab ID: B25072143-003BMS Run: SPEC3 250725B Sample Matrix Spike 07/25/25 15:51 Oxygen Demand, Chemical (COD) 28.1 mg/L 5.0 92 90 110 B25072143-003BMSD Lab ID: Sample Matrix Spike Duplicate Run: SPEC3 250725B 07/25/25 15:51

5.0

99

90

Oxygen Demand, Chemical (COD)

Work Order Receipt Checklist

Linkan Engineering

Login completed by: Elizabeth A. Holton

B25072143

Date Received: 7/24/2025

Reviewed by:	Icadreau		R	eceived by: ET	
•				•	
Reviewed Date:	7/29/2025		Ca	arrier name: Return-Fe	dEx 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	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 co 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:	4.2°C Blue Ice			
Containers requiring zero heabubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted	\checkmark
Water - pH acceptable upon	receipt?	Yes 🗸	No 🗌	Not Applicable	

Standard Reporting Procedures:

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

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

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

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

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

Contact and Corrective Action Comments:

None

Laboratory Certifications and Accreditations

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

	Agency	Number
	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
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ANSI National Accreditation Board A C C R E D I T E D	Nebraska	NE-OS-13-04
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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
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	Washington	C1039
	Alaska	20-006
	California	3021
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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

Receipt Number (cash/check only)

Amount

Payment Type sh Check

S

LABORATORY USE ONLY
Temp Blank On Ice

Receipt Temp

Intact Y N

Cooler ID(s)

Shipped By

Custody Record MUST be signed

10:45



Chain of Custody & Analytical Request Record

www.energylab.com

of 1

Page 1

Account Information (Billing information)	Report Information			
Company/Name Linkan	Company/Name Linkon	uran Account mormation)	Comments	
Contact Chris Prosper	Contact Alex Schwiebert		Outfall 001A - Weekly Sample	eekly Sample
Phone 775-777-8003	Phone 775-397-6779			¥
Mailing Address 2720 Ruby Vista Dr	Mailing Address 2720 Ruby Vista Dr	j		
City, State, Zip Elko, NV 89801	City, State, Zip Elko, NV 89801		chris.prosper@linkan.com	riedse email Report and EDD results to: chris.prosper@linkan.com
Email AP@linkan.com	Email see comments		adam.billin@linkan.com	an.com
□Hard Copy ■Email Receive Repo	Receive Report □Hard Copy ■Email		alex.schwiebert@linkan.com	glinkan.com
Purchase Order Quote Bottle Order 25-0152 H17287 /q スマイ/	Special Report/Formats: ☐ LEVEL IV ☐NELAC ■ EDD/EDT (α	■ EDD/EDT (contact (aboratory) □ Other	perer.nays@state.co.us	e.co.us
Project Information				
- Sport mornanon	Marrix Codes	Analysis Requested	-	
Project Name, PWSID, Permit, etc. Schwartzwalder Mine	A- Air			All turnaround times are
Sampler Name Sunnat April Sampler Phone 7 38 [Water			standard unless marked as
mpliance 🔳 Yes 🛘	S Solids			Energy Laboratories
URANIUM MINING CLIENTS MUST indicate sample type	Bioassay		pe	MUST be contacted prior to
☐ unprocessed Ore ☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING ☐ 11(e)2 Byproduct Material (Can ONL'Y be Submitted to ELI Casper Location)	O- Oil DW- Drinking water Col ISO	DI	ttache	
Samula Identification	ime		A	
Dat	Containers (See Codes		ees	RUSH
1 Outfall 001A 1/2				,
[2]	-			C+121022
3 Outfall 001A	0			
4				
LC LC				
9				
8				
6				
ELI IS	preservatives supplied with the bottle	order were NOT used, please atta	ch vour preservative infe	ormation with this COC
Record State of Control of State of Sta	Signature Re	Received by (print)	Date/Time	Signature
Relinguished by (priht) Date/Time/	Signature	Received by Laboratory (print)	Dofe (Time	

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 193741

SHIPPED Linkan Engineering TO:

Contact: Chris Prosper

400 Corporate Circle, Suite H

Golden CO 80401

Phone: (719) 247-0564

Project: Schwartzwalder Mine-Outfall 001A Monthly + Weekly

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

Quote Used: 17287

N		ō	Samp
			Notes
		111111111111111111111111111111111111111	rieservative
Critical	Hold	- L	D
		Tests	
		Method	
Bottles	D	Samp	
		Bottle Size/Type	

		2000	0	Line	Notes	Samo
						2
Outfall 001A Wookly COD / 4 Catal	O V I GOOM	100				
סמנומון מסוק אמפע	S COD (# 0	(SIS)				
E00 and Disease:						
SOU THE Plastic	1 E410.4	Chemical Oxygen Demand		H2S04		-
	HACH 800	HACH 8000 Preparation for COD testing HACH 8000]		-

Odulan of the lines Weekly 135 (12	imes wee	kly ISS (12 Sets)	-	
1 Liter Plastic Wide Mouth	1 A2540 D	1 A2540 D Solids, Total Suspended	Fill to the neck of the container.	_

The state of the s						
Outfall 001A Bi Wookly / 2 Cata	10 C / 11/10					
סמנומון ססול סו-מגפ	enly (2 sels)					
250 mL Plastic	1 A3500-Cr B	A3500-Cr B Chromium, Hexavalent	24.00 hrs			7
	E300.0	Anions by Ion Chromatography				
250 mL Plastic	1 E200.7_8	Metals by ICP/ICPMS, Dissolved		HNO3	Filter before preservation	7
250 mL Plastic	1 E200.7_8	Metals by ICP/ICPMS, Total Recoverable		HNO3		- +
	Calculation	Calculation Chromium, Total Recoverable Trivalent				
	E245.1	Mercury, Total				
	E200.2	Metals Digestion by E200.2				2
	E245.1	Mercury Digestion by E245.1				

BO#: 193741

1 of 2

4	0 10001				
EZUU. / B MIG	ŽÖ	EZUU. / _ 8 Metals by ICP/ICP/MS, Potentially Dissolved	HNO3		-
MCAWW Pre Filt	Pre	Preparation, Potentially Dissolved Filtration			
Kelada-01 Cya	Cys	Kelada-01 Cyanide, Weak Acid Dissociable	NaOH		-
A4500-S D Sulfide, Methy	Sulf	ide, Methylene Blue Colorimetric	ZnAc	Zero headspace	-
			NaOH		
E903.0 Rad	Rad	Radium 226, Dissolved	HNO3	Filter before preservation	-
A7500-RA Radium 226 +	Rac	lium 226 + Radium 228	HNO3	This now only requires one (1) 15mL	-
E903.0 Rad	Rad	Radium 226, Total		nitric acid vial for preservation.	
RA-05 Rac	Rac	Radium 228, Total			

Comments

We strongly suggest that the samples are	shipped the same day as they are collected.	rt's 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 aboratories will be indicated within the Laboratory Analytical Report.
NaOH - Sodium Hydroxide	H3PO4 - Phosphoric Acid	Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.	uired. If so, Energy Laboratories will utilize its branch
: Acid H2SO4 - Sulfuric Acid	ZnAc - Zinc Acetate HCI - Hydrochloric Acid	Nata Sheets(MSDS) Available @ Ene	Subcontracting of sample analyses to an outside laboratory may be requaboratories will be indicated within the Laboratory Analytical Report.
HNO3 - Nitric Acid	ZnAc - Zinc A	Material Safety C Corrosive Chemicals:	Subcontracting of sample laboratories will be indicated in the sample sa

ANALYTICAL SUMMARY REPORT

August 06, 2025

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

Work Order: B25072562 Quote ID: B17287

Project Name: Schwartzwalder Mine

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 7/31/2025 for analysis.

Lab ID	Client Sample ID	Collect Date Recei	ve Date Matrix	Test
B25072562-001	Outfall 001A	07/25/25 14:30 07/	/31/25 Aqueous	Solids, Total Suspended
B25072562-002	Outfall 001A	07/28/25 14:15 07/	/31/25 Aqueous	Same As Above
B25072562-003	Outfall 001A	07/30/25 14:30 07/	/31/25 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.





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:08/06/25Project:Schwartzwalder MineCollection Date:07/25/25 14:30Lab ID:B25072562-001DateReceived:07/31/25Client 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	07/31/25 14:46 / piw

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:08/06/25Project:Schwartzwalder MineCollection Date:07/28/25 14:15Lab ID:B25072562-002DateReceived:07/31/25Client 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	07/31/25 14:46 / pjw

Report RL - Analyte Reporting Limit

Definitions: QCL - Quality Control Limit

MCL - Maximum Contaminant Level





Prepared by Billings, MT Branch

Client:Linkan EngineeringReport Date:08/06/25Project:Schwartzwalder MineCollection Date:07/30/25 14:30Lab ID:B25072562-003DateReceived:07/31/25Client 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	07/31/25 14:46 / pjw
Solids, Total Dissolved TDS @ 180 C	116 mg/L		20	A2540 C	07/31/25 15:31 / etv
AGGREGATE ORGANICS					
Oxygen Demand, Chemical (COD)	ND mg/L		5	E410.4	08/01/25 15:40 / 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: B25072562				Repo	rt Date:	08/06/25	
Analyte Co	unt Result Ur	nits RL	%REC Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 C					E	Batch: TDS2	0250731A
Lab ID: MBLK_20250731-4	Method Blank		Run: Bal #3	30_250731B		07/31	/25 15:29
Solids, Total Dissolved TDS @ 180 C	ND m	g/L 20					
Lab ID: LCS_20250731-3	Laboratory Control	Sample	Run: Bal #3	30_250731B		07/31	/25 15:29
Solids, Total Dissolved TDS @ 180 C	937 m	g/L 25	94 90	110			
Lab ID: B25072569-002BDUP	Sample Duplicate		Run: Bal #3	30_250731B		07/31	/25 15:32
Solids, Total Dissolved TDS @ 180 C	297 m	g/L 25			2.2	10	

Report Date: 08/06/25

07/31/25 10:57

Work Order: B25072562

QA/QC Summary Report

Prepared by Billings, MT Branch

Analyte	C	ount Res	sult Units	RL	%REC Low Limit High Limi	t RPD RPDLimit Qual
Method	: A2540 D					Batch: TSS20250731A
Lab ID:	MBLK_20250731-3	Method E	Blank		Run: BAL #30_250731	A 07/31/25 10:57
Solids.	Total Suspended TSS @ 105	5 C	ND ma/L	0.6		

Solids, Total Suspended TSS @ TUS C ND mg/L 0.6

 Lab ID:
 LCS_20250731-2
 Laboratory Control Sample
 Run: BAL #30_250731A

 Solids, Total Suspended TSS @ 105 C
 102 mg/L
 25 102 80 120

 Lab ID:
 B25072549-001ADUP
 Sample Duplicate
 Run: BAL #30_250731A
 07/31/25 14:45

 Solids, Total Suspended TSS @ 105 C
 1.20 mg/L
 10
 10
 J

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



QA/QC Summary Report

Prepared by Billings, MT Branch

Work O	order: B25072562							Re	port Date:	08/06/25	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	E410.4								Analytical F	Run: SPEC3	_250801B
Lab ID:	CCV-202068	Cor	ntinuing Cal	ibration Ver	rification Standar	d				08/01	/25 15:40
Oxygen D	emand, Chemical (COD)	48.5	mg/L	5.0	97	90	110			
Method:	E410.4									Batc	h: 202068
Lab ID:	MB-202068	Met	hod Blank				Run: SPEC	3_250801B		08/01	/25 15:40
Oxygen D	emand, Chemical (COD)	ND	mg/L	3						
Lab ID:	LCS-202068	Lab	oratory Cor	ntrol Sample	e		Run: SPEC	3_250801B		08/01	/25 15:40
Oxygen D	emand, Chemical (COD)	23.6	mg/L	5.0	97	90	110			
Lab ID:	B25072562-003CMS	San	nple Matrix	Spike			Run: SPEC	3_250801B		08/01	/25 15:40
Oxygen D	emand, Chemical (COD)	26.5	mg/L	5.0	108	90	110			
Lab ID:	B25072562-003CMSD	San	nple Matrix	Spike Dupl	icate		Run: SPEC	3_250801B		08/01	/25 15:40
Oxygen D	emand, Chemical (COD)	25.3	mg/L	5.0	104	90	110	4.5	10	

Work Order Receipt Checklist

Linkan Engineering

Login completed by: Crystal M. Jones

B25072562

Date Received: 7/31/2025

Reviewed by:	dharris		Red	eived by: SRG	
Reviewed Date:	8/6/2025		Carr	ier name: Return-FedI	Ex NDA
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present	
Custody seals intact on all st	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	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 or 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:	5.0°C On Ice			
Containers requiring zero heabubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted [\checkmark
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 indicates three containers for Outfall 001A collected 07/30/25 14:30. One of the three was a sulfuric preserved container. There is no analysis indicated on the chain of custody requiring this container. Analyze for

Work Order Receipt Checklist - Continued

Linkan Engineering

B25072562

chemical oxygen demand per phone conversation with Chris Prosper on 07/31/25. CMJ 07/31/25

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com 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

LABORATORIES

Trust our People. Trust our Data

Account Information (Billing Information)

Company/Name Linkan

Contact Phone

Chain of Custody & Analytical Request Record

www.energylab.com

Contact Phone

Email

Quote H17287

Purchase Order 25-0152 Project Information

AP@linkan.com Elko, NV 89801

Email

Mailing Address 2720 Ruby Vista Dr

City, State, Zip

775-777-8003 Chris Prosper

193742

Bottle Order

of 1 Please email Report and EDD results to: outhall oold anotherly 705 Page 1 Outfall 001A - Weekly Sample alex.schwiebert@linkan.com chris.prosper@linkan.com adam.billin@linkan.com peter.hays@state.co.us Comments Report Information (if different than Account Information) Special Report/Formats:

□ LEVEL IV □NELAC ■ EDD/EDT (contact taboratory) □ Other Mailing Address 2720 Ruby Vista Dr Alex Schwiebert City, State, Zip Elko, NV 89801 see comments 775-397-6779 Company/Name Linkan

Matrix Codes

Energy Laboratories MUST be contacted prior to RUSH sample submittal for All turnaround times are standard unless marked as 502562 charges and scheduling -See Instructions Page ELI LAB ID
Laboratory Use Only See Attached . . . Analysis Requested TOM 1249 X Demand ELI Is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle Chemical Oxygen XX Total Suspended Solids Matrix (See Codes Bioassay 3 Water IIO AIL Y. Ś WO. ó B 1430 430 1430 418 650 EPA/State Compliance I Yes No Time Collection ☐ Unprocessed Ore
☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING
☐ 11(e)2 Byproduct Material (Gan ONLY be Submitted to ELI Casper Location) + 19374(3 2381 7/30 7/30 30/4 7/28 Date Sampler Phone 7 Project Name, PWSID, Permit, etc. Schwartzwalder Mine URANIUM MINING CLIENTS MUST indicate sample type Acuela Sample Identification Sample Origin State Colorado outhan sold Sampler Name / Syland Outfall 001A Outfall 001A Outfall 001A

Relinquished by (print)	-	ofto/Time	Olemehine	-					DoloTime	
Brown Freeze	-	430/18	O 6 Signature	Manual Man		Received by (print)	y (print)	Date/Time	Signature	
Relinguished by (print)	۵	ate/Time (Signeture			Received	by Laboratory (Brint)	DatelTime Signature	Signature . Matthe	T
				LABOR	ABORATORY USE ONLY	A INC		10:00	100000000000000000000000000000000000000	1
Cooler ID(s)	Custody Seals	Intact Y N	Receipt Temp	Temp Bl	Q N N	သ	Payment Type CC Cash Check	Amount	Receipt Number (cash/check only)	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.

This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.

BOTTLE ORDER 193741





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



SHIPPED

Linkan Engineering

To report an issue with this order, view Safety Data Sheets, or let us know how we are doing, scan here or go to energylab.com/contact-us Order Created by: Yvonna E. Smith Shipped From: Billings, MT Ship Date: 4/17/2025

VIA: Ground

Quote Used: 17287

N N	40	5	Samo	2
			Notes	
			Preservative	
Critical	Hold	i	Ime	
		Toote	lests	
		Mothod	INICIDIO	
Bottles	Per	Comp	dallip	
		Rottle Size/Tyne	Source of the labor	

Schwartzwalder Mine-Outfall 001A Monthly + Weekly

Project: Phone:

400 Corporate Circle, Suite H

Contact: Chris Prosper

Golden CO 80401 (719) 247-0564

Outfall 001A Weekly COD (4 Sets)	kly COD (4 Se	its)		
-:+ 0				
out mil Plastic	1 E410.4	Chemical Oxygen Demand	H2SO4	,
	HACH 8000 P	Preparation for COD testing HACH 8000		

Outfall 001A Three Times Weekly TSS	Times Weel	kly TSS (12 Sets)		
1 Liter Plastic Wide	1 A2540 D	Solids, Total Suspended	Fill to the neck of the container.	•
Model				

Outfall 001A Bi-Weekly (2 Sets)	ekly (2 Sets)					
250 mL Plastic	1 A3500-Cr B	1 A3500-Cr B Chromium, Hexavalent	24.00 hrs			-
	E300.0	Anions by Ion Chromatography				
250 mL Plastic	1 E200.7_8	E200.7_8 Metals by ICP/ICPMS, Dissolved		HN03	Filter before preservation	-
250 mL Plastic	1 E200.7_8	E200.7_8 Metals by ICP/ICPMS, Total Recoverable		HN03		-
	Calculation	Calculation Chromium, Total Recoverable Trivalent				
	E245.1	Mercury, Total				
	E200.2	Metals Digestion by E200.2				
	E245.1	Mercury Digestion by E245.1				

BO#: 193741

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 Kelada-01 Cyanide, W	Cyanide, Weak Acid Dissociable	NaOH		-
250 mL Plastic	1 A4500-S D	A4500-S D Sulfide, Methylene Blue Colorimetric	ZnAc	Zero headspace	-
			NaOH		
1 Gallon Plastic	1 E903.0	Radium 226, Dissolved	HN03	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			

Comments

HNO3 - Nitric Acid		H2SO4 - Sulfuric Acid		■ NaOH - Sodium Hydroxide We strongl	We strongly suggest that the samples are
ZnAc - Zinc Acetate HCl - Hydrochloric Acid				H3PO4 - Phosphoric Acid	shipped the same day as they are collected.
Material Safety Data Sheets	ts(M	SDS) Available @ Energyl	Lab.	Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets	
Corrosive Chemicals: Nitric, Sulfur	uric, P	hosphoric, Hydrochloric Acids an	oS pu	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 re laboratories will be indicated within the Laboratory Analytical Report.	es to a	in outside laboratory may be requ Laboratory Analytical Report.	nired	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 aboratories will be indicated within the Laboratory Analytical Report.	entract laboratories for this service. Any such

DMR Copy of Record

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

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

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit														
Permit #:	CO0001244				Permittee:		Colo Div of Re	eclamation, Mining and Safety		Facility:	SCHWARTZWA	ALDER N	MINE	
Major:	No				Permittee Ac	ldress:	1001 E 62 Av Denver, CO 8			Facility Location:	8300 GLENCO GOLDEN, CO 8		Y RD	
Permitted Feature:	001 External Outfa	ıll			Discharge:		001-A WWTF Discha	arge to Ralston Creek						
Report Dates & Status														
Monitoring Period:	From 07/01/2	5 to 07/31/2	25		DMR Due Da	te:	08/28/25			Status:	NetDMR Valida	ited		
Considerations for Form Completion	on													
Oil and grease - see I.A.2, page 3. An	ntidegradation lir	nits - see C	.2, page	7.										
Principal Executive Officer														
First Name:					Title:					Telephone:				
Last Name:														
No Data Indicator (NODI)														
Form NODI:														
Parameter	Me	onitoring	Season	Param.		Quantity or Loading			Quality or Concentr	ation		# of	Frequency of	Sample Type

	Parameter	Monitoring	Season				Qı	uantity or L	oading.					Quality or	Concentr			# of	Frequency of	Sample Type
Code	Name	Location	#	NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier	Value 1	Qualifier 2	Value 2	Qualifie 3	value 3	Units	Ex.	Analysis	
					Sample	•		2					=	1.5	=	6.0	19 - mg/L		01/07 - Weekly	CP - Composite
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.								<=	100.0 30DA AVG	<=	200.0 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Value NODI															
					Sample						=	6.93			=	8.18	12 - SU		05/WK - Five Per Week	GR - Grab
00400	рН	1 - Effluent Gross	0		Permit Req.							6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	05/WK - Five Per Week	GR - Grab
					Value NODI															
					Sample								<	10.0	<	10.0 1	19 - mg/L		03/07 - Three Per Week	CP - Composite
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	20.0 30DA AVG	<=		19 - mg/L	0	03/07 - Three Per Week	CP - Composite
					Value NODI															
					Sample										<	u.u	28 - ug/L		02/30 - Twice Per Month	CP - Composite
00718	Cyanide, weak acid, dissociable	1 - Effluent Gross	0		Permit Req.										<=	5.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
					Sample Permit									0.75 ROLL AVG		2	28 -		02/30 - Twice Per	CP - Composite
00718	Cyanide, weak acid, dissociable	P - See Comments	0		Req. Value								<=	B - Below Detection Limit/No		u	ug/L		Month	CF - Composite
					NODI									Detection						
					Sample								=	1.5			19 - mg/L		02/30 - Twice Per Month	CP - Composite
00940	Chloride [as Cl]	1 - Effluent Gross	0		Permit Req.								<=	250.0 30DA AVG		1 n	19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
					Value NODI															
					Sample								=	0.77			19 - mg/L		02/30 - Twice Per Month	CP - Composite
		P - See			Permit											1	19 -		02/30 - Twice Per	

0940	Chloride [as Cl]	Comments	0	 Req.	<=	54.0 ROLL AVG		mg/L 0	Month	CP - Cor
				Value NODI						
				Sample	=	10.0		19 - mg/L	02/30 - Twice Per Month	CP - Co
0945	Sulfate, total [as SO4]	1 - Effluent Gross	0	 Permit Req.	<=	250.0 30DA AVG		19 - mg/L	02/30 - Twice Per Month	CP - Co
				Value NODI						
				Sample	=	6.28		19 - mg/L	02/30 - Twice Per Month	CP - Co
0945	Sulfate, total [as SO4]	P - See	0	 Permit	<=	131.0 ROLL AVG		19 -	02/30 - Twice Per	CP - Co
		Comments		Req. Value				mg/L 0	Month	
				NODI Sample			0.1	19 -	02/30 - Twice Per	CP - Co
00.40	Floreside	1 - Effluent	0	Permit		<		mg/L 19 -	Month 02/30 - Twice Per	CP - Co
)949	Fluoride	Gross	0	 Req. Value		<=	2.0 DAILY MX	mg/L 0	Month	CP - Ci
				NODI				28 -	02/30 - Twice Per	
,		4 540		Sample	=	5.0		ug/L	Month	CP - Co
0978	Arsenic, total recoverable	1 - Effluent Gross	0	 Permit Req.	<=	0.02 30DA AVG		28 - ug/L 1	02/30 - Twice Per Month	CP - Co
				Value NODI						
				Sample	=	25.0		28 - ug/L	02/30 - Twice Per Month	CP - C
980	Iron, total recoverable	1 - Effluent Gross	0	 Permit Req.		Req Mon 30DA AVG		28 - ug/L 0	02/30 - Twice Per Month	CP - C
				Value NODI						
				Sample	=	7.5		28 - ug/L	02/30 - Twice Per Month	CP - C
980	Iron, total recoverable	P - See Comments	0	 Permit		Req Mon ROLL AVG		28 - ug/L 0	02/30 - Twice Per Month	CP - C
		Comments		Req. Value				ug/L	WOTH	
				NODI Sample	=	0.18		19 -	02/30 - Twice Per	CP - C
1022	Boron, total [as B]	1 - Effluent	0	Permit	<=	0.46 30DA AVG		mg/L 19 - mg/l	Month 02/30 - Twice Per Month	
1022	Boron, total [as b]	Gross	U	 Req. Value	<u> </u>	0.40 30DA AVG		mg/L 0	Month	01 - 01
				NODI				28 -	02/30 - Twice Per	
		1 - Effluent		Sample Permit	<	20.0		ug/L	Month	CP - C
1046	Iron, dissolved [as Fe]	Gross	0	 Req.	<=	300.0 30DA AVG		ug/L 0	02/30 - Twice Per Month	CP - C
				Value NODI						
				Sample Permit	<=	45.0 ROLL AVG		28 -	02/30 - Twice Per Month	CP - C
1046	Iron, dissolved [as Fe]	P - See Comments	0	 Req.		B - Below Detection Limit/No		ug/L	Month	01 01
				NODI		Detection Detection				
				Sample	=	1.0		28 - ug/L	02/30 - Twice Per Month	CP - C
1056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	 Permit Req.	<=	50.0 30DA AVG		28 - ug/L 0	02/30 - Twice Per Month	CP - C
				Value NODI						
				Sample	=	0.4		28 - ug/L	02/30 - Twice Per Month	CP - C
1056	Manganese, dissolved [as Mn]	P - See Comments	0	 Permit Req.	<=	7.5 ROLL AVG		28 - ug/L 0	02/30 - Twice Per Month	
		Comments		Value				ug/L	WOTH	
				NODI Sample						
1050	Thallium, total [as Tl]	1 - Effluent	0	 Permit Req.	<=	0.24 30DA AVG		28 - ug/L	02/30 - Twice Per Month	CP - Co
.000	amam, wai [ao 11]	Gross		Value NODI		B - Below Detection Limit/No Detection				
								28 -	02/30 - Twice Per	CD C
		1 - Effluent		Sample Permit	<	1.0		ug/L	Month 02/30 - Twice Per	CP - C
1097	Antimony, total [as Sb]	Gross	0	 Req. Value	<=	5.6 30DA AVG		ug/L 0	Month	CP - Co
				NODI						

01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	 Sample Permit Req. Value	<	10.0 Req Mon 30DA AVG	<	10.0 Req Mon DAILY MX	ug/L 28 - ug/L	0	Month 02/30 - Twice Per Month	CP - Composite
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	 NODI Sample Permit Req. Value	<	10.0 Req Mon 30DA AVG	<	10.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01303	Zinc, potentially dissolved	P - See Comments	0	 NODI Sample Permit Req. Value NODI	=	15.4 Req Mon ROLL AVG			28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01304	Silver, potentially dissolved	1 - Effluent Gross	0	 Sample Permit Req. Value NODI	<=			0.04 3.5 DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01304	Silver, potentially dissolved	P - See Comments	0	 Sample Permit Req. Value NODI	<=	0.02 ROLL AVG B - Below Detection Limit/No Detection			28 - ug/L		02/30 - Twice Per Month	CP - Composite
01306	Copper, potentially dissolved	1 - Effluent Gross	0	 Permit Req. Value NODI	<=			0.5 18.0 DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01306	Copper, potentially dissolved	P - See Comments	0	 Permit Req. Value NODI	= <=	0.09 1.8 ROLL AVG			28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	 Permit Req. Value NODI	<	1.0 Req Mon 30DA AVG		1.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	 Permit Req. Value NODI	<	5.0 Req Mon 30DA AVG		5.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01322	Nickel, potentially dissolvd	P - See Comments	0	 Sample Permit Req. Value NODI	<	8.0 Req Mon ROLL AVG			28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	 Sample Permit Req. Value NODI	<	1.0 Req Mon 30DA AVG		1.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite
01323	Selenium, potentially dissolvd	P - See Comments	0	 Sample Permit Req. Value NODI	<	1.0 Req Mon ROLL AVG			28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite CP - Composite
03582	Oil and grease	1 - Effluent Gross	0	 Sample Permit Req. Value NODI			<=	10.0 INST MAX 9 - Conditional Monitoring - Not Required This Period	19 - mg/L		77/77 - Contingent	GR - Grab
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	 Sample Permit Req. Value				10.0 50.0 DAILY MX	28 - ug/L 28 - ug/L	0	02/30 - Twice Per Month 02/30 - Twice Per Month	CP - Composite

				NODI											
				Sample								00		00/00 Turing Day	
04262	Chromium, trivalent total	P - See	0	 Permit Req.				<=	7.5 ROLL AVG			28 - ug/L		02/30 - Twice Per Month	CP - Composite
	recoverable	Comments		Value NODI					B - Below Detection Limit/No Detection						
				Sample				=	0.15	=	0.2	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
09501	Radium 226, total	1 - Effluent Gross	0	 Permit Req.				<=	10.0 30DA AVG	<=	30.0 DAILY MX	17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample				=	0.2	=	0.3	17 - pCi/L		02/30 - Twice Per Month	CP - Composite
09503	Radium 226, dissolved	1 - Effluent Gross	0	 Permit Req.				<=	3.0 30DA AVG	<=	10.0 DAILY MX	17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample				=	0.55			17 - pCi/L		02/30 - Twice Per Month	CP - Composite
11503	Radium 226 + radium 228, total	1 - Effluent Gross	0	 Permit Req.				<=	5.0 30DA AVG			17 - pCi/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample				=	9.75			28 - ug/L		02/30 - Twice Per Month	CP - Composite
22708	Uranium, total	1 - Effluent Gross	0	 Permit Req.				<=	30.0 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample				=	11.14			28 - ug/L		02/30 - Twice Per Month	CP - Composite
22708	Uranium, total	P - See Comments	0	 Permit Req.				<=	22.0 ROLL AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample		0.293054	03 - MGD							99/99 - Continuous	(auto)
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Req.	<= 0.288 30DA AVG	Req Mon DAILY MX	03 - MGD						0	99/99 - Continuous	RC - Recorder (auto)
				Value NODI											
				Sample				<	0.04			19 - mg/L		02/30 - Twice Per Month	CP - Composite
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	 Permit Req.					Req Mon 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
				Sample				<	0.04			19 - mg/L		02/30 - Twice Per Month	CP - Composite
51202	Sulfide-hydrogen sulfide [undissociated]	P - See Comments	0	 Permit Req.					Req Mon ROLL AVG			19 - mg/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI											
		4 500		Sample				<	0.1			28 - ug/L		02/30 - Twice Per Month	CP - Composite
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	 Permit Req.					Req Mon 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	CP - Composite
				Value NODI			0.00							054444 = 5	
		4 540		Sample		0.0	9P - N=0;Y=1							05/WK - Five Per Week	VI - Visual
84066	Oil and grease visual	1 - Effluent Gross	0	 Permit Req.		Req Mon INST MAX	9P - N=0;Y=1							05/WK - Five Per Week	VI - Visual
				Value NODI											

Submission Note

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

Edit Check Errors

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

Comments

Name	Туре	Size
2025_07_Schwartzwalder_Outfall_001A_Results_7.pdf	pdf	1807698.0
2025_07_Schwartzwalder_Outfall_001A_Cover_Letter.pdf	pdf	320785.0
2025_07_Schwartzwalder_Outfall_001A_Results_5.pdf	pdf	1775319.0
2025_07_Schwartzwalder_Outfall_001A_Results_4.pdf	pdf	1812135.0
2025_07_Schwartzwalder_Outfall_001A_Results_3.pdf	pdf	1777458.0
2025_07_Schwartzwalder_Outfall_001A_Results_2.pdf	pdf	2321741.0
2025_07_Schwartzwalder_Outfall_001A_Results_1.pdf	pdf	2301684.0
2025_07_Schwartzwalder_Outfall_001A_Results_6.pdf	pdf	2041515.0
Report Last Saved By		

Colo Div of Reclamation, Mining and Safety

User: pdelaney@alexcoresource.com

Name: Patrick Delaney

E-Mail: pdelaney@blackfoxmining.com

Date/Time: 2025-08-28 12:34 (Time Zone: -06:00)

Report Last Signed By

User: pdelaney@alexcoresource.com

Patrick Delaney Name:

pdelaney@blackfoxmining.com E-Mail:

2025-08-28 12:34 (Time Zone: -06:00) Date/Time: