



Samples Received - Linkan Engineering, ELI WO B25061875

1 message

billingspm@energylab.com <billingspm@energylab.com>

Sat, Jun 21, 2025 at 1:04 AM

To: Peter.hays@state.co.us



Energy Laboratories has received your samples and the attached files contain sample IDs, test assignments, receipt conditions and the chain of custody, for samples you recently submitted.

Please reply to this email as soon as possible if you have any changes or questions. Modifications to the report, after it is issued, may incur additional cost.

Thank you for the opportunity to partner with you for your analytical needs.

Energy Laboratories, Inc.
Trust our People. Trust our Data.

Energy Laboratories Sample Receiving Team | Billings, MT | O: 406-252-6325 | www.energylab.com

This transmission may contain confidential information and is for the use of the intended recipient(s).
If you received this in error, please contact the sender and delete this email and all copies.

3 attachments

 **ChainOfCustody.pdf**
1026K

 **Initial Login Summary.PDF**
174K

 **Sample Acknowledgement Summary.PDF**
364K

**Report Information** (if different than Account Information)

Company/Name		Linkan
Contact	Alex Schwiebert	
Phone	775-397-6779	
Mailing Address	2720 Ruby Vista Dr	
City, State, Zip	Elko, NV 89801	
Email	see comments	
Receive Report	☐ Hard Copy ☒ Email	
Special Report/Formats:		
☐ LEVEL IV	☐ NELAC	☒ EDD/IEDT (contact laboratory) ☐ Other

Quarterly Sampling - Mine Pool

Matrix Codes

Matrix Codes

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

Level Phosphorus (E300.0) Suspended Solids s, Dissolved s Total gen, Nitrate + Nitrite ide, WAD s Alpha, Gross Beta, m Radium 226 + Attached	Analysis Requested	
	All turnaround times are standard unless marked as RUSH. Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling - See Instructions Page	

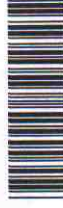
[illegible]

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

Custody Record MUST be signed	Relinquished by (print) Barret Accardo	Date/Time 4/19/25 / 1536	Signature 	Received by (print)	Date/Time	Signature
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print) Elizabeth Johnson	Date/Time 06/30/25	Signature
LABORATORY USE ONLY						
Shipped By	Cooler ID(s)	Custody Seals			Receipt Number (cash/check only)	
		Y	N	C	B	Amount \$
		Intact	Temp Blank	On Ice	Payment Type	
		Y	N	Y	N	CC Cash Check

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

BOTTLE ORDER 193747



SHIPPED Linkan Engineering

TO:



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

Contact: Chris Prosper

400 Corporate Circle, Suite H

Golden CO 80401

Phone: (719) 247-0564

Project: Schwartzwalder Mine - Table 2B

Order Created by: Yvonna E. Smith

Shipped From: Billings, MT

Ship Date: 4/17/2025

VIA: Ground

Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
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Table 2B Quarterly (4 Sets)

120 mL Plastic	1	E365.1	Low Level Phosphorus, Orthophosphate as P	48.00 hrs		Filter Sample	1
1 Liter Plastic	1	A2320 B A4500-O G E300.0 A2540 C	Alkalinity to pH 4.5 Oxygen, Dissolved Anions by Ion Chromatography Solids, Total Dissolved	0.25 hrs			1
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
250 mL Plastic	1	E200.7_8 E245.1 E245.1	Metals by ICP/ICPMS, Dissolved Mercury, Dissolved Mercury Digestion by E245.1		HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8 E245.1 E200.2 E245.1	Metals by ICP/ICPMS, Total Mercury, Total Metals Digestion by E200.2 Mercury Digestion by E245.1		HNO3		1

250 mL Plastic	1	E353.2 E365.1 E365.1	Nitrogen, Nitrate + Nitrite E365.1 Digestion, Total P Low level Phosphorus, Total	 H2SO4	1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable	 NaOH	1
500 mL Plastic	1	E900.0	Gross Alpha, Gross Beta, Total	 HNO3	1
1 Gallon Plastic	1	E903.0	Radium 226, Dissolved	 HNO3	1
1 Gallon Plastic	1	A7500-RA E903.0 RA-05	Radium 226 + Radium 228 Radium 226, Total Radium 228, Total	 HNO3	1

Comments

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

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

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

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

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

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



INITIAL LOGIN SUMMARY

Client: Linkan Engineering

Project: Schwartzwalder Mine

Lab ID: B25061875-001

Client Sample ID: Mine Pool

Collection Date: 06/19/2025 09:40

Date Received: 06/20/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
Inorganics					
Alkalinity, Total as CaCO ₃	mg/L	4		A2320 B	
Bicarbonate as CaCO ₃	mg/L	4		A2320 B	
Carbonate as CaCO ₃	mg/L	4		A2320 B	
Chloride	mg/L	1		E300.0	
Sulfate	mg/L	1		E300.0	
Fluoride	mg/L	0.1		E300.0	
Hydroxide as CaCO ₃	mg/L	4		A2320 B	
Cyanide, Weak Acid Dissociable	mg/L	0.005		Kelada-01	
Oxygen, Dissolved	mg/L	0.1		A4500-O G	
Metals, Dissolved					
Aluminum	mg/L	0.03		E200.7_8	
Antimony	mg/L	0.001		E200.7_8	
Arsenic	mg/L	0.001		E200.7_8	
Boron	mg/L	0.05		E200.7_8	
Calcium	mg/L	1		E200.7_8	
Chromium	mg/L	0.005		E200.7_8	
Copper	mg/L	0.005		E200.7_8	
Iron	mg/L	0.02		E200.7_8	
Lead	mg/L	0.001		E200.7_8	
Magnesium	mg/L	1		E200.7_8	
Manganese	mg/L	0.001		E200.7_8	
Mercury	mg/L	0.0001		E245.1	
Molybdenum	mg/L	0.001		E200.7_8	
Potassium	mg/L	1		E200.7_8	
Silver	mg/L	0.001		E200.7_8	
Sodium	mg/L	1		E200.7_8	
Thallium	mg/L	0.0005		E200.7_8	
Uranium	mg/L	0.0003		E200.7_8	
Zinc	mg/L	0.01		E200.7_8	
Metals, Total					
Aluminum	mg/L	0.03		E200.7_8	
Antimony	mg/L	0.001		E200.7_8	
Arsenic	mg/L	0.001		E200.7_8	
Boron	mg/L	0.05		E200.7_8	
Chromium	mg/L	0.005		E200.7_8	
Copper	mg/L	0.005		E200.7_8	
Iron	mg/L	0.0125		E200.7_8	
Lead	mg/L	0.001		E200.7_8	
Manganese	mg/L	0.001		E200.7_8	
Mercury	mg/L	0.0001		E245.1	
Molybdenum	mg/L	0.001		E200.7_8	

Duplicate analytes may be listed under different methods, but only one will be reported and invoiced.



INITIAL LOGIN SUMMARY

Client: Linkan Engineering

Project: Schwartzwalder Mine

Lab ID: B25061875-001

Client Sample ID: Mine Pool

Collection Date: 06/19/2025 09:40

Date Received: 06/20/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
Silver	mg/L	0.001		E200.7_8	
Thallium	mg/L	0.0005		E200.7_8	
Zinc	mg/L	0.01		E200.7_8	

Nutrients

Nitrogen, Nitrate+Nitrite as N	mg/L	0.01		E353.2	
Phosphorus, Orthophosphate as P	mg/L	0.002		E365.1	
Phosphorus, Total as P	mg/L	0.002		E365.1	

Physical Properties

Solids, Total Suspended TSS @ 105 C	mg/L	10		A2540 D	
Solids, Total Dissolved TDS @ 180 C	mg/L	25		A2540 C	

Radionuclides - Dissolved

Radium 226	pCi/L	-1000		E903.0	ELI - Casper
Radium 226 precision (±)	pCi/L	0		E903.0	ELI - Casper
Radium 226 MDC	pCi/L	0		E903.0	ELI - Casper

Radionuclides - Total

Gross Alpha	pCi/L	-1000		E900.0	ELI - Casper
Gross Alpha precision (±)	pCi/L	0		E900.0	ELI - Casper
Gross Alpha MDC	pCi/L	0		E900.0	ELI - Casper
Gross Beta	pCi/L	-1000		E900.0	ELI - Casper
Gross Beta precision (±)	pCi/L	0		E900.0	ELI - Casper
Gross Beta MDC	pCi/L	0		E900.0	ELI - Casper
Radium 226	pCi/L	-1000		E903.0	ELI - Casper
Radium 226 precision (±)	pCi/L	0		E903.0	ELI - Casper
Radium 226 MDC	pCi/L	0		E903.0	ELI - Casper
Radium 228	pCi/L	-1000		RA-05	ELI - Casper
Radium 228 precision (±)	pCi/L	0		RA-05	ELI - Casper
Radium 228 MDC	pCi/L	0		RA-05	ELI - Casper
Radium 226 + Radium 228	pCi/L	-1000		A7500-RA	ELI - Casper
Radium 226 + Radium 228 precision (±)	pCi/L	0		A7500-RA	ELI - Casper
Radium 226 + Radium 228 MDC	pCi/L	0		A7500-RA	ELI - Casper



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Billings, MT 800.735.4489 • Casper, WY 888.235.0515
Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

Sample Acknowledgment Summary

Workorder Number: B25061875

Quote ID: 17287

Client: Linkan Engineering

Purchase Order: 24-0156-0128

Project Name: Schwartzwalder Mine

Project Contact: Alex Schwiebert

Samples(s) Received: 06/20/2025 10:25 AM

Carrier Name: Return-FedEx NDA

Turnaround Time (business days): 20 days

Estimated Completion Date: 07/21/2025

Container/Temp Blank Temperature (°C): 5.0 Blue Ice

If the temperature is >6.0°C and is for compliance purposes, it is recommended that you contact your regulatory agency regarding acceptance of the results. Energy Laboratories will proceed with all analyses unless you notify us to cancel within 48 hours of sample receipt.

Workorder Receipt Checklist Comments:

The collection time indicated on the dissolved radium, orthophosphate and Dissolved metals containers is not provided and on the chain of custody it is 09:40. Proceeded with the collection time as indicated on the chain of custody. DNH 06/20/25