



Samples Received - Linkan Engineering, ELI WO B25070847

1 message

billingspm@energylab.com <billingspm@energylab.com>
To: Peter.hays@state.co.us

Fri, Jul 11, 2025 at 1:07 AM



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.

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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
898K



Initial Login Summary.PDF
260K



Sample Acknowledgement Summary.PDF
434K



Chain of Custody & Analytical Request Record

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Account Information (Billing information)

Company/Name	Linkan
Contact	Chris Prosper
Phone	775-777-8003
Mailing Address	2720 Ruby Vista Dr
City, State, Zip	Elko, NV 89801
Email	AP@linkan.com
Receive Invoice	☐ Hard Copy ☒ Email
Purchase Order	Quote H17287
25-0152	Bottle Order 195244

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/Forms:	☐ LEVEL IV ☐ NELAC ☐ EDD/EDT (contact laboratory) ☐ Other

Comments

Monthly Consent Order Sampling

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

-SW-BPL White Cap
120 mL sample is in
250 mL sample bottle.

Project Information

Project Name, PWSID, Permit, etc.	Schwartzwalder Mine
Sampler Name	Bryant Acanda
Sample Origin	State of Colorado
EPA/State Compliance	☒ Yes ☐ No
URANIUM MINING CLIENTS MUST indicate sample type	
☐ Unprocessed Ore	
☐ Processed Ore (Ground or Refined) **CALL BEFORE SENDING	
☐ 11(e) Byproduct Material (Can ONLY be Submitted to ELI Casper Location)	

Matrix Codes

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

Analysis Requested

Low Level Phosphorus	Anions (E300.0)	Total Suspended Solids	Metals, Dissolved	Metals Total	Nitrogen, Nitrate + Nitrite	Cyanide, WAD	Gross Alpha, Gross Beta, Total	Radium 226 + 228	See Attached

All turnaround times are standard unless marked as RUSH.

Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling - See Instructions Page

Sample Identification (Name, Location, Interval, etc.)	Collection Date	Time	Number of Containers	Matrix (See Codes Above)	ELI LAB ID Laboratory Use Only
1 SW-AWD	7/8/25	09:00	9	W	B25070847
2 SW-BPL	7/8/25	09:15	9	W	
3					
4					
5					
6					
7					
8					
9					

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

Custody Record MUST be signed	Relinquished by (print) Bryant Acanda	Date/Time 7/8/25	Signature [Signature]	Received by (print) Ely Luangchan	Date/Time 7/10/25	Signature [Signature]
Shipped By	Cooler ID(s)	Custody Seals Y N C B	Intact Y N	Receipt Temp °C	Temp Blank Y N	On Ice Y N
				Payment Type 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.



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BOTTLE ORDER 195244



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 1.1

Order Created by: Yvonna E. Smith

Shipped From: Billings, MT

Ship Date: 6/3/2025

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 1.1 (2 Sets)

120 mL Plastic	1	E365.1	Low Level Phosphorus, Orthophosphate as P	48.00 hrs		Filter Sample	1
1 Liter Plastic	1	E300.0 A2540 C	Anions by Ion Chromatography Solids, Total Dissolved				1
1 Liter Plastic Wide Mouth	1	A2540 D	Solids, Total Suspended			Fill to the neck of the container.	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		■ HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8 E200.2	Metals by ICP/ICPMS, Total Metals Digestion by E200.2		■ HNO3		1
250 mL Plastic	1	E353.2 E365.1 E365.1	Nitrogen, Nitrate + Nitrite E365.1 Digestion, Total P Low level Phosphorus, Total		■ H2SO4		1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		■ NaOH		1
500 mL Plastic	1	E900.0	Gross Alpha, Gross Beta, Total		■ HNO3		1

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

	HNO3 - Nitric Acid		H2SO4 - Sulfuric Acid		NaOH - Sodium Hydroxide	We strongly suggest that the samples are shipped the same day as they are collected.
	ZnAc - Zinc Acetate		HCl - Hydrochloric Acid		H3PO4 - Phosphoric Acid	
Material Safety Data Sheets(MSDS) Available @ EnergyLab.com ->Services -> MSDS Sheets						
Corrosive Chemicals: Nitric, Sulfuric, Phosphoric, Hydrochloric Acids and Sodium Hydroxide. Zinc Acetate is a skin irritant.						
Subcontracting of sample analyses to an outside laboratory may be required. If so, Energy Laboratories will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.						



INITIAL LOGIN SUMMARY

Client: Linkan Engineering

Project: Schwartzwalder Mine

Lab ID: B25070847-001

Client Sample ID: SW-AWD

Collection Date: 07/08/2025 09:00

Date Received: 07/10/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
Inorganics					
Sulfate	mg/L	1		E300.0	
Fluoride	mg/L	0.0125		E300.0	
Cyanide, Weak Acid Dissociable	mg/L	0.001		Kelada-01	
Metals, Dissolved					
Copper	mg/L	0.0001		E200.7_8	
Molybdenum	mg/L	5e-005		E200.7_8	
Silver	mg/L	3e-005		E200.7_8	
Uranium	mg/L	2e-005		E200.7_8	
Zinc	mg/L	0.001		E200.7_8	
Metals, Total					
Arsenic	mg/L	0.0001		E200.7_8	
Boron	mg/L	0.001		E200.7_8	
Molybdenum	mg/L	5e-005		E200.7_8	
Uranium	mg/L	2e-005		E200.7_8	
Metals, Total Recoverable					
Antimony	mg/L	5e-005		E200.7_8	
Chromium	mg/L	0.0005		E200.7_8	
Thallium	mg/L	5e-005		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	2.5		A2540 D	
Solids, Total Dissolved TDS @ 180 C	mg/L	25		A2540 C	
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

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



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INITIAL LOGIN SUMMARY

Client: Linkan Engineering

Project: Schwartzwalder Mine

Lab ID: B25070847-001

Client Sample ID: SW-AWD

Collection Date: 07/08/2025 09:00

Date Received: 07/10/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
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

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: B25070847-002

Client Sample ID: SW-BPL

Collection Date: 07/08/2025 09:15

Date Received: 07/10/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
Inorganics					
Sulfate	mg/L	1		E300.0	
Fluoride	mg/L	0.0125		E300.0	
Cyanide, Weak Acid Dissociable	mg/L	0.001		Kelada-01	
Metals, Dissolved					
Copper	mg/L	0.0001		E200.7_8	
Molybdenum	mg/L	5e-005		E200.7_8	
Silver	mg/L	3e-005		E200.7_8	
Uranium	mg/L	2e-005		E200.7_8	
Zinc	mg/L	0.001		E200.7_8	
Metals, Total					
Arsenic	mg/L	0.0001		E200.7_8	
Boron	mg/L	0.001		E200.7_8	
Molybdenum	mg/L	5e-005		E200.7_8	
Uranium	mg/L	2e-005		E200.7_8	
Metals, Total Recoverable					
Antimony	mg/L	5e-005		E200.7_8	
Chromium	mg/L	0.0005		E200.7_8	
Thallium	mg/L	5e-005		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	2.5		A2540 D	
Solids, Total Dissolved TDS @ 180 C	mg/L	25		A2540 C	
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

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



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INITIAL LOGIN SUMMARY

Client: Linkan Engineering
Project: Schwartzwalder Mine
Lab ID: B25070847-002
Client Sample ID: SW-BPL

Collection Date: 07/08/2025 09:15
Date Received: 07/10/2025
Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
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

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



Sample Acknowledgment Summary

Workorder Number: B25070847

Quote ID: 17287

Client: Linkan Engineering

Purchase Order: 25-0152

Project Name: Schwartzwalder Mine

Project Contact: Chris Prosper

Samples(s) Received: 07/10/2025 11:15 AM

Carrier Name: Return-FedEx NDA

Turnaround Time (business days): 20 days

Estimated Completion Date: 08/07/2025

Container/Temp Blank Temperature (°C): 3.9 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 temperature blank temperature in shipping container 1 was 3.9°C and shipping container 2 was 3.0°C.

One of the two shipping containers was received with a custody seal.

The samples for gross alpha analysis were preserved to pH <2 with 2mL nitric acid in the laboratory upon receipt.

The sample container for dissolved metals for SW-BPL was not marked as filtered or non-filtered. A voicemail was left for Bryant Acevedo on 07/10/25.

The samples for orthophosphate analysis were received past the 48-hour hold time. Proceed with analysis per phone conversation with Chris Prosper on 07/10/25. CMJ 07/10/25