



Samples Received - Linkan Engineering, ELI WO B25061882

1 message

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

Sat, Jun 21, 2025 at 1:16 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.

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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
1026K



Initial Login Summary.PDF
169K



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 ☐ INELAC ☒ EDD/EDT (contact laboratory) ☐ Other _____	

Outfall 001A - Bi-Weekly Sample

Please email Report and EDD results to:

chris.prosper@linkan.com
adam.billin@linkan.com
alex.schwiebert@linkan.com
peter.hays@state.co.us

Project Name, PWSID, Permit, etc. Schwartzwalder Mine

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

amom

[illegible]

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]

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.

Shipped By	Cooler ID(s)	Custody Seals			Intact	Receipt Temp °C	Temp Blank		On Ice		Payment Type		Amount \$	Receipt Number (cash/check only)
		Y	N	C			B	Y	N	Y	N	CC		
Custody Record MUST be signed	Relinquished by (print) Bryant Adams	Date/Time 6/19/05/1530	Signature <i>[Signature]</i>	Relinquished by (print)	Date/Time	Signature <i>[Signature]</i>	Received by Laboratory (print) <i>[Signature]</i>	Date/Time 6/20/05/1025	Signature <i>[Signature]</i>					

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 193742



SHIPPED Linkan Engineering

TO:



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

Contact: Chris Prosper

400 Corporate Circle, Suite H
Golden CO 80401

Phone: (719) 247-0564

Project: Schwartzwalder Mine-Outfall 001A Monthly + Weekly

Order Created by: Yvonna E. Smith

Shipped From: Billings, MT

Ship Date: 4/17/2025

VIA: Ground

Quote Used: 17287

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
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Outfall 001A Weekly COD (4 Sets)

500 mL Plastic	1	E410.4	Chemical Oxygen Demand		☒ H2SO4		1
		HACH 8000	Preparation for COD testing HACH 8000				

Outfall 001A Three Times Weekly TSS (12 Sets)

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

250 mL Plastic	1	A3500-Cr B	Chromium, Hexavalent	24.00 hrs			1
		E300.0	Anions by Ion Chromatography				
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Dissolved		☒ HNO3	Filter before preservation	1
250 mL Plastic	1	E200.7_8	Metals by ICP/ICPMS, Total Recoverable		☒ HNO3		1
		Calculation	Chromium, Total Recoverable Trivalent				
		E245.1	Mercury, Total				
		E200.2	Metals Digestion by E200.2				
		E245.1	Mercury Digestion by E245.1				

BO#: 193742

1 of 2

250 mL Plastic	1	E200.7_8 MCAWW	Metals by ICP/ICPMS, Potentially Dissolved Preparation, Potentially Dissolved Filtration		HNO3	1
500 mL Amber Plastic	1	Kelada-01	Cyanide, Weak Acid Dissociable		NaOH	1
250 mL Plastic	1	A4500-S D	Sulfide, Methylene Blue Colorimetric	 	ZnAc NaOH	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

Extra Weekly Supplies

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

Comments

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

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

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

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

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



INITIAL LOGIN SUMMARY

Client: Linkan Engineering

Project: Schwartzwalder Mine

Lab ID: B25061882-001

Client Sample ID: Outfall 001A

Collection Date: 06/19/2025 14:40

Date Received: 06/20/2025

Matrix: Aqueous

Analyses	Units	RL	MCL/ QCL	Method	Subcontracted To
Inorganics					
Chloride	mg/L	1		E300.0	
Sulfate	mg/L	1		E300.0	
Fluoride	mg/L	0.1		E300.0	
Cyanide, Weak Acid Dissociable	ug/L	1		Kelada-01	
Sulfide	mg/L	0.04		A4500-S D	
Metals, Dissolved					
Chromium, Hexavalent	ug/L	10		A3500-Cr B	
Iron	ug/L	20		E200.7_8	
Manganese	ug/L	1		E200.7_8	
Metals, Potentially Dissolved					
Cadmium	ug/L	1		E200.7_8	
Copper	ug/L	0.1		E200.7_8	
Nickel	ug/L	5		E200.7_8	
Selenium	ug/L	1		E200.7_8	
Silver	ug/L	0.03		E200.7_8	
Zinc	ug/L	10		E200.7_8	
Metals, Total					
Antimony	ug/L	1		E200.7_8	
Boron	ug/L	50		E200.7_8	
Mercury	ug/L	0.1		E245.1	
Thallium	ug/L	0.5		E200.7_8	
Metals, Total Recoverable					
Arsenic	ug/L	1		E200.7_8	
Chromium	ug/L	5		E200.7_8	
Chromium, Trivalent	ug/L	10		Calculation	
Iron	ug/L	20		E200.7_8	
Uranium	ug/L	0.3		E200.7_8	
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					
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

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Project: Schwartzwalder Mine

Lab ID: B25061882-001

Client Sample ID: Outfall 001A

Collection Date: 06/19/2025 14:40

Date Received: 06/20/2025

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

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Sample Acknowledgment Summary

Workorder Number: B25061882

Quote ID: 17287

Client: Linkan Engineering

Purchase Order: 25-0152

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): 4.6 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 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 pH < 2. CMJ 06/20/25