



ANALYTICAL SUMMARY REPORT

June 16, 2025

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

Work Order: B25060769 Quote ID: B17287

Project Name: Not Indicated

Energy Laboratories Inc Billings MT received the following 3 samples for Linkan Engineering on 6/9/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25060769-001	COD Outfall	06/05/25 7:22	06/09/25	Aqueous	Chemical Oxygen Demand Preparation for COD testing HACH 8000
B25060769-002	TSS Outfall-1	06/05/25 7:22	06/09/25	Aqueous	Solids, Total Suspended
B25060769-003	TSS Outfall-2	06/05/25 14:04	06/09/25	Aqueous	Same As Above

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

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

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

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



CLIENT: Linkan Engineering
Project: Not Indicated
Work Order: B25060769

Report Date: 06/16/25

CASE NARRATIVE

"J" qualified analyte concentrations are below the laboratory minimum recommended Reporting Limit (RL) and above the calculated method detection limit (MDL). The laboratory reporting limits are based on the lowest calibration standard for the method and are set at levels which can be reliably quantitated. Metals reporting limits are based on the MDL and through examination of blank performance. MDL's are statistically calculated values determined through analysis of a clean sample matrix.

Inorganic analytes reported with "J" qualifiers should be verified against the corresponding method blank. Inorganic "J" quantitations near the MDL may be suspect due to possible method background levels, sample matrix effects, and/or daily variability in instrument signal-to-noise levels.



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Not Indicated
Lab ID: B25060769-001
Client Sample ID: COD Outfall

Report Date: 06/16/25
Collection Date: 06/05/25 07:22
DateReceived: 06/09/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	ND	mg/L		5		E410.4	06/11/25 12:54 / jaw

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

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Not Indicated
Lab ID: B25060769-002
Client Sample ID: TSS Outfall-1

Report Date: 06/16/25
Collection Date: 06/05/25 07:22
Date Received: 06/09/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.8	mg/L	J	10		A2540 D	06/09/25 13:35 / pjw

**Report
Definitions:**

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

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Linkan Engineering
Project: Not Indicated
Lab ID: B25060769-003
Client Sample ID: TSS Outfall-2

Report Date: 06/16/25
Collection Date: 06/05/25 14:04
Date Received: 06/09/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
Solids, Total Suspended TSS @ 105 C	0.7	mg/L	J	10		A2540 D	06/09/25 13:35 / pjw

**Report
Definitions:**

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

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060769

Report Date: 06/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2540 D										Batch: TSS20250609A
Lab ID: MBLK_20250609-2		Method Blank					Run: BAL #30_250609A			06/09/25 09:43
Solids, Total Suspended TSS @ 105 C		ND	mg/L	0.6						
Lab ID: LCS_20250609-2										Run: BAL #30_250609A
Solids, Total Suspended TSS @ 105 C		105	mg/L	25	105	80	120			06/09/25 09:43
Lab ID: B25060753-001BDUP										Run: BAL #30_250609A
Solids, Total Suspended TSS @ 105 C		46.4	mg/L	10				7.1	10	06/09/25 13:35

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25060769

Report Date: 06/16/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4										Batch: 200493
Lab ID: MB-200493		Method Blank					Run: SPEC3_250611C			06/11/25 12:54
Oxygen Demand, Chemical (COD)		ND	mg/L	3						
Lab ID: LCS-200493										06/11/25 12:54
Oxygen Demand, Chemical (COD)		23.8	mg/L	5.0	97	90	110			
Lab ID: B25060789-001DMS										06/11/25 12:54
Oxygen Demand, Chemical (COD)		139	mg/L	10	98	90	110			
Lab ID: B25060789-001DMSD										06/11/25 12:54
Oxygen Demand, Chemical (COD)		140	mg/L	10	100	90	110	0.7	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Work Order Receipt Checklist

Linkan Engineering

B25060769

Login completed by: Natasha L. Anthony

Date Received: 6/9/2025

Reviewed by: cjones

Received by: EAH

Reviewed Date: 6/16/2025

Carrier name: Return-FedEx NDA

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	13.9°C Blue Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

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
Billings, MT  	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
Casper, WY 	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
	Louisiana	05083
	Montana	CERT0002
	Nebraska	NE-OS-08-04
	Nevada	NV-C24-00245
	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
Helena, MT	Colorado	MT00945
	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090



Chain of Custody & Analytical Request Record

Page of

www.energylab.com

Account Information (Billing Information)				Report Information (if different than Account Information)				Comments <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> TSS & COD - Weekly samples Please email report and EDD results to: chris.prosper@linkan.com also, schedule to linkan.com petr. hayek@stateco.us </div>			
Company/Name Linkan		Company/Name Linkan		Contact Alex Schrieber		Contact Alex Schrieber					
Phone 775-277-8003		Phone 775-397-6779		Mailing Address 2720 Ruby Vista Dr		Mailing Address 2720 Ruby Vista Dr					
City, State, Zip Elko, NV 89807		City, State, Zip Elko, NV 89807		Email AP@linkan.com		Email Elko, NV 89807					
Receive Invoice <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email		Receive Report <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email		Special Report/Formats: <input type="checkbox"/> LEVEL IV <input type="checkbox"/> NELAC <input checked="" type="checkbox"/> EDD/EDT (contact laboratory) <input type="checkbox"/> Other _____							
Purchase Order 25-0152		Purchase Order 17287		Bottle Order 187916							

Project Information			
Project Name, PWSID, Permit, etc.			
Sampler Name		Sampler Phone	
Sample Origin State		EPA/State Compliance <input type="checkbox"/> Yes <input type="checkbox"/> No	
URANIUM MINING CLIENTS MUST indicate sample type <input type="checkbox"/> Unprocessed Ore <input type="checkbox"/> Processed Ore (Ground or Refined) **CALL BEFORE SENDING <input type="checkbox"/> 11(e)2 Byproduct Material (Can ONLY be Submitted to ELI Casper Location)			

Sample Identification (Name, Location, Interval, etc.)	Collection		Matrix (See Codes Above)	Number of Containers	Analysis Requested	See Attached	Rush TAT	ELI LAB ID Laboratory Use Only
	Date	Time						
1 TSS - Outfall	06/05/25	07:30 pm	W	1				B55000740
2 TSS - Outfall - 1	06/05/25	07:30 pm	W	1				
3 TSS - Outfall - 2	06/05/25	07:30 pm	W	1				
4								
5								
6								
7								
8								
9								

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Project Information			
Project Name, PWSID, Permit, etc.			
Sampler Name		Sampler Phone	

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.