



# ANALYTICAL SUMMARY REPORT

February 14, 2017

Lehrkinds Big Spring  
201 1st Ave N  
Lewistown, MT 59457-1725

Work Order: B17020516  
Project Name: MT0001229

Energy Laboratories Inc Billings MT received the following 1 sample for Lehrkinds Big Spring on 2/9/2017 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B17020516-001	No Sample ID Provided	02/08/17 13:30	02/09/17	Drinking Water	Odor

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:



**LABORATORY ANALYTICAL REPORT**

Prepared by Billings, MT Branch

**Client:** Lehrkinds Big Spring

**Client Sample ID:** No Sample ID Provided

**PWS #:** MT0001229 **Name:** LEHRKINDS BIG SPRING WATER

**Facility ID:** TP001

**SamplingPoint/Location:** EP502 / No Sample ID Provide

**Project ID:** MT0001229

**Collector's Name:** Don Cates

**Contact Phone #:** (406) 538-3433

**Compliance Sample:** YES

**Sample Type:** RT

**Lab ID:** B17020516-001

**Report Date:** 02/14/17

**Collection Date:** 02/08/17 13:30

**Date Received:** 02/09/17

**Matrix:** Drinking Water

**Federal ID#:** MT00005

FRDS Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>PHYSICAL PROPERTIES</b>							
1920 Odor	4	T.O.N.				A2150 B	02/09/17 10:24 / pjw

**Report** RL - Analyte reporting limit.  
**Definitions:** QCL - Quality control limit.

MCL - Maximum contaminant level.  
ND - Not detected at the reporting limit.



# QA/QC Summary Report

Prepared by Billings, MT Branch

**Client:** Lehrkinds Big Spring

**Report Date:** 02/14/17

**Project:** MT0001229

**Work Order:** B17020516

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method:</b> A2150 B										Batch: R274664
<b>Lab ID:</b> MB-R274664		Method Blank								Run: MISC-WC_170209E
Odor		ND	T.O.N.							02/09/17 10:24

**Qualifiers:**

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



# Work Order Receipt Checklist

Lehrkinds Big Spring

B17020516

Login completed by: Gina McCartney

Date Received: 2/9/2017

Reviewed by: BL2000\cindy

Received by: wcj

Reviewed Date: 2/9/2017

Carrier name: Return-UPS Ground

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on all shipping container(s)/cooler(s)? Yes  No  Not Present
- Custody seals intact on all sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when 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 holding time?  
(Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Yes  No
- Temp Blank received in all shipping container(s)/cooler(s)? Yes  No  Not Applicable
- Container/Temp Blank temperature: 1.6°C Blue Ice
- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  Not Applicable

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## 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.

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## Contact and Corrective Action Comments:

Sample containers received partially frozen.



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# Chain of Custody & Analytical Request Record

www.energylab.com

### Account Information (Billing Information)

Company/Name Lehighkind's Inc  
 Contact Rae Sicing  
 Phone (406) 586-2629  
 Mailing Address 1715 N. Rouse  
 City, State, Zip Bozeman MT 59719  
 Email r.sicing@lehighkind.com  
 Receive Invoice  Hard Copy  Email  Email  Email  
 Purchase Order 7155 Quote 109730  
 Bottle Order 109730

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

Company/Name Lehighkind's Big Spring Water  
 Contact Don Cates  
 Phone (406) 538-3433  
 Mailing Address 201 1st Ave No  
 City, State, Zip Lehightown PA 19457  
 Email rcates@lehighkind.com  
 Receive Report  Hard Copy  Email  
 Special Report/Formats:  LEVEL IV  NELAC  EDD/EDT (contact laboratory)  Other

### Comments

*(Empty comment box)*

### Project Information

Project Name, PWSID, Permit, etc. MT 0001229  
 Sampler Name Don Cates Sample # (State) 366-2161  
 Sample Origin State MT EPA/State Compliance  Yes  No  
 MINING CLIENTS, please indicate sample type.  
 Byproduct 11 (e)2 material  Unprocessed ore (NOT ground or refined)\*

### Analysis Requested

Matrix Codes	Number of Containers	Matrix (See Codes Above)
A - Air		
W - Water		
S - Solids		
V - Vegetation		
B - Bioassay		
O - Other		
DW - Drinking Water		

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

Number of Containers: 2  
 Matrix: DW

Sample Identification (Name, Location, Interval, etc.)	Date	Time	Collection	Signature	Date/Time	Signature
1   1 Liter Amber Glass	2-8-17	1:30pm		<i>(Signature)</i>	2-8-17 9:30	<i>(Signature)</i>
2						
3						
4						
5						
6						
7						
8						
9						
10						

RUSH TAT  
 ELI LAB ID  
 Laboratory Use Only  
671020516001

Custody Record MUST be signed Don Cates  
 Relinquished by (print)

Date/Time 2-8-17 1:30pm  
 Signature *(Signature)*

Received by (print) Don Cates  
 Received by Laboratory (print) Don Cates

Date/Time 2-8-17 9:30  
 Signature *(Signature)*

Shipped By Don Cates Cooler ID(s) Y N C B Intact Y N Receipt Temp °C Temp Blank Y N On Ice Y N 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.



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Billings, MT 800.735.4499 • Casper, WY 888.235.0515  
Gillette, WY 866.886.7175 • Helena, MT 877.472.0711

# BOTTLE ORDER 109730



**SHIPPED TO: Lehrkinds Big Spring**

Contact: Don Cates  
201 1st Ave N

Lewistown MT 59457

Phone:

Project:

Order Created by: Wynn Pippin  
Shipped From: Billings, MT

Ship Date: 2/7/2017  
VIA: Ground

Bottle Size/Type	Bottles Per Samp	Method	Tests	Critical Hold Time	Preservative	Notes	Num of Samp
1 Liter Amber Glass Narrow Mouth	2	A2150 B	Odor	24 hrs			1

### Source Water

1 Liter Amber Glass Narrow Mouth							
2 A2150 B							
Odor							
24 hrs							

- 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.