



RECEIVED

MAR 08 2017

**DIVISION OF RECLAMATION
MINING AND SAFETY**

February 28, 2017

Dear Mr. Hocker,

As we discussed , Badger Daylighting Corp will collect samples of the material we dump at your facility approximately every 100 loads. The samples will be tested by a local independent lab and we will provide you with the results.

Sincerely,

Kevin Ward

Area Manager

(970)884-4388 Office

(970)403-6612 cell

(970)884-6198 fax

kward@badger-corp.com



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

04 January 2017

Bruce Blake
Badger
Bruce Blake
Bayfield, CO 81122
RE: ph & EC

Enclosed are the results of analyses for samples received by the laboratory on 12/22/16 10:00.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Debbie Zufelt'.

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



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Badger
Bruce Blake
Bayfield CO. 81122

Project: ph & EC
Project Name / Number: [none]
Project Manager: Bruce Blake

Reported:
01/04/17 17:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trench	1612222-01	Solid	12/21/16 12:00	12/22/16 10:00

Green Analytical Laboratories

Debbie Zufelt

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



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Badger

Bruce Blake

Bayfield CO, 81122

Project: ph & EC

Project Name / Number: [none]

Project Manager: Bruce Blake

Reported:

01/04/17 17:13

Trench

1612222-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Soluble (DI Water Extraction)

Conductivity	249	10.0		uS/cm	1	01/03/17	2510 B		BDV
pH	8.16			pH Units	1	01/03/17	9045C		BDV

Soluble (DI Water Extraction) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B701022 - General Prep - Wet Chem

Reference (B701022-SRM1)

pH	9.04		pH Units	9.18		98.5	7.807-102.19			
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Batch B701023 - General Prep - Wet Chem

Reference (B701023-SRM1)

Conductivity	494		uS/cm	496		99.6	90-110			
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Budger	Project: ph & EC	
Bruce Blake	Project Name / Number: [none]	Reported:
Bayfield CO, 81122	Project Manager: Bruce Blake	01/04/17 17:13

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

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Debbie Zufelt

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ANALYTICAL

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service@greenanalytical.com or dzurik@greenanalytical.com
75 Suttle St Durango, CO 81303

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name (if Applicable): Badger
Contact Person: Bruce Blalock
Address: 772 Orchard Dr
City: Bayfield State: CO Zip: 81122
Phone #: 978-759-1322
Email: Garth.Monstane@Hotmail.com

P.O. #:
Bill to (if different):

ANALYSIS REQUEST

Project Name (optional):
Project Number (optional):
Sampler Name (Print):

Company:
Attn:
Address:
City:
State:
Zip:
Phone #:
Email:

For Lab Use

Sample Name or Location

1612-222-01

Trench

Date Time
12/21/16 12:00

Collected
Matrix (check one)
☐ GROUNDWATER
☐ SURFACEWATER
☐ WASTEWATER
☐ PRODUCEDWATER
☒ SOIL
☐ DRINKING WATER
☐ OTHER

of containers
No preservation (general)
☐ HNO₃
☐ HCl
☐ H₂SO₄
☐ Other
☐ Other

pH/EC

PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising out of or from this contract shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by GAL, regardless of whether such claim is based upon any of the above stated requests or otherwise.

Relinquished By:

B. Blalock

Date: 12/22/16
Time: 1000

Received By: Michael D. Hunter

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)
Sampler - UPS - FedEx - Kangaroo - Other:

Temperature at receipt: 21°C

Labelled By: MJ

ADDITIONAL REMARKS

Report to State? (Circle)

Yes No

* GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.