

STATE OF
COLORADO

Eschberger - DNR, Amy <amy.eschberger@state.co.us>

CMC Water Monitoring Reports Q1/21

Avrom Howard <aeh@nebuconsulting.com>

Tue, Apr 13, 2021 at 3:25 PM

To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>

Cc: michaela.cunningham@state.co.us

Hi Amy,

Here are the two water monitoring reports for Q1, 2021, along with the original analytical certificate and Excel spreadsheet.

Thanks for your understanding regarding the delay due to Mother Nature!

Regards,

Avrom

4 attachments

**21-04-13 Q1-2021 report M1983-141.pdf**
3786K**21-04-13 Q1-2021 report M1994-117.pdf**
3826K**210406028_Gold Hill_Results.pdf**
839K**Excel 210406028.xls**
34K



COLORADO MILLING COMPANY, LLC
P.O. BOX 327, MOAB, UT 84532

April 13, 202

Mr. Michael Cunningham & Ms. Amy Eschberger
COLORADO DIVISION OF RECLAMATION, MINING & SAFETY
Department of Natural Resources
1313 Sherman Street, Room 215
Denver, CO 80203

Subject: First Quarter 2021 Water Sampling Results
Gold Hill Project (Cash Mine Property), Gold Hill, Colorado
Mine Land Reclamation Permit No. M-1983-141

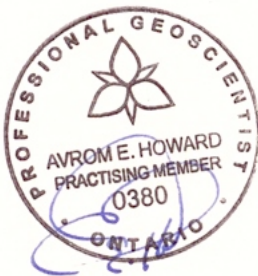
Dear Mr. Cunningham & Ms. Eschberger,

The first quarter 2021 ("Q1/2021") water sampling was conducted by Lewis Perkkins, Colorado Milling Company on April 5, 2021; sampling was delayed due to a heavy snowfall in mid-March.

- **Trace Element & Related Data:** Four monitoring stations were sampled for arsenic, cadmium, manganese, zinc, total dissolved solids ("residue") and sulfate. Analyses were performed by Colorado Analytical Laboratories Inc., based in Denver. Copies of their original laboratory analytical reports are included in this submittal.
- **Other Data:** Water depth, temperature and pH data were gathered by Mr. Perkins, and recorded along with the aforementioned trace element and related data in an Excel spreadsheet, a copy of which is included in this submittal.

I trust you will find these data to your satisfaction. Please do not hesitate to contact me directly should you have any questions or concerns.

Sincerely,



Avrom E. Howard, MSc, PGeo
COLORADO MILLING COMPANY



Map showing locations of water monitoring stations for permits M-1994-117 & M-1983-141

LOCATIONS		WELL MEASUREMENTS					WATER ANALYSES (ppm)							
LOCATION ID	DATE	TIME	DEPTH (ft)	pH	TEMP (°C)	CONDUCTIVITY (uS/cm)	SAMPLE ID	DATE	As	Cd	Mn	Zn	Residue	Sulfate
MW1	04/05/21	10:35	7.45	7.66	10.7	1,596	210406028-02	04/05/21	<0.0006	<0.0001	0.320	<0.001	1,419	892.81
MW5	04/05/21	12:05	22.75	7.69	10.5	971	210406028-02	04/05/21	0.0016	<0.0001	0.274	0.002	688	260.49
CMP	04/05/21	12:15	0.00	8.06	11.2	1,138	210406028-02	04/05/21	<0.0006	0.0021	0.157	1.166	859	508.01
CG	04/05/21	13:00	0.00	7.68	8.5	568	210406028-02	04/05/21	<0.0006	0.001	0.007	0.319	372	215.80

Complete data set for monitoring stations associated with permit M-1983-141, Q1/2021

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID Tailing Pond

Sample Date/Time: 4/5/21 9:15 AM

Lab Number: 210406028-01

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	209.36 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	368 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	0.0015 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	0.0002 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	1.4794 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.055 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID MW 1

Sample Date/Time: 4/5/21 10:35 AM

Lab Number: 210406028-02

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	892.81 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	1419 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	< 0.0006 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.3198 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	< 0.001 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID W 1

Sample Date/Time: 4/5/21 10:50 AM

Lab Number: 210406028-03

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	32.45 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	116 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	0.0008 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.0065 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.010 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID W2

Sample Date/Time: 4/5/21 11:05 AM

Lab Number: 210406028-04

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	111.85 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	267 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	< 0.0006 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	0.0002 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.0021 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.054 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID W3

Sample Date/Time: 4/5/21 11:20 AM

Lab Number: 210406028-05

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	137.69 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	388 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	< 0.0006 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.0069 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.004 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID W4

Sample Date/Time: 4/5/21 11:38 AM

Lab Number: 210406028-06

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	167.91 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	474 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	0.0007 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.9392 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.002 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID MW5

Sample Date/Time: 4/5/21 12:05 PM

Lab Number: 210406028-07

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	260.49 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	688 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	0.0016 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	< 0.0001 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.2739 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.002 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID Cash Mine Pond

Sample Date/Time: 4/5/21 12:15 PM

Lab Number: 210406028-08

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	508.01 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	859 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	< 0.0006 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	0.0021 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.1569 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	1.166 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL

mg/L = Milligrams Per Liter or PPM

ug/L = Micrograms Per Liter or PPB

mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313

Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Analytical Results

TASK NO: 210406028

Report To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Bill To: Avrom Howard

Company: Colorado Milling CO
72 Brandywine Dr
Williamsville NY 14221

Task No.: 210406028
Client PO:
Client Project: Gold Hill

Date Received: 4/6/21
Date Reported: 4/13/21
Matrix: Water - Ground

Customer Sample ID Cash Gulch Creek
Sample Date/Time: 4/5/21 1:00 PM
Lab Number: 210406028-09

Test	Result	Method	ML	Date Analyzed	Analyzed By
Sulfate	215.80 mg/L	EPA 300.0	0.01 mg/L	4/6/21	MAT
Total Dissolved Solids	372 mg/L	SM 2540-C	5 mg/L	4/7/21	ISG
<u>Dissolved</u>					
Arsenic	< 0.0006 mg/L	EPA 200.8	0.0006 mg/L	4/8/21	IPC
Cadmium	0.0010 mg/L	EPA 200.8	0.0001 mg/L	4/8/21	IPC
Manganese	0.0074 mg/L	EPA 200.8	0.0008 mg/L	4/8/21	IPC
Zinc	0.319 mg/L	EPA 200.8	0.001 mg/L	4/8/21	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

Chain of Custody Form



Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313
www.coloradolab.com

Report To Information		Bill To Information (If different from report to)		Project Name / Number	
Company Name: <u>Colorado Milling Co</u>		Company Name: <u>SAME</u>		<u>Gold Hill</u>	
Contact Name: <u>ANRON Howard</u>		Contact Name: _____		_____	
Address: <u>72 Brandywine DR</u>		Address: _____		Task Number (Lab Use Only) CAL Task 210406028 EMN	
City <u>William Hill</u> State <u>WY</u> Zip <u>14221</u>		City _____ State _____ Zip _____			
Phone: <u>970-234-9757</u>		Phone: _____			
Email: <u>AEH@NEBconsulting.com</u>		Email: _____			
Sample Collector: <u>AEA & LSP</u>		PO No.: _____			
Sample Collector Phone: <u>970-234-9757</u>					

Lewis PERKINS 303-447-8705

Sample Matrix (Select One Only)			No. of Containers	Grab or (Check One Only) Composite	Tests Requested													
Waste Water ☐	Ground Water ☒	Surface Water ☐			Soil ☐	Sludge ☐	Drinking Water ☐	AS	CD	MN	ZH	Residue/TDS	Sulfate					
Date	Time	Sample ID																
4/5/21	9:15 AM	tailing Pond	2	/														
4/5/21	10:35 AM	MW-1	2	/														
"	10:50 AM	W-1	2	/														
"	11:05 AM	W-2	2	/														
"	11:20 AM	W-3	2	/														
"	11:38 AM	W-4	2	/														
"	12:05 PM	M-W5	2	/														
"	12:15 PM	CASH mine pond	2	/														
"	1:00 PM	CASH GLUCH creek	2	/														
			(18)															

Instructions: <u>Dissolved per history. OK</u>				C/S Info: _____				Seals Present Yes ☐ No ☐			
Deliver Via: <u>Hand</u>				C/S Charge ☐				Temp. <u>2-8</u> °C/Ice <u>Y</u> Sample Pres. Yes ☐ No ☒			
Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:				
<u>Lewis Perkins</u>	<u>4/5/2021</u>	<u>[Signature]</u>	<u>4/6/21 10:39</u>								

CustomerName	OrderID	SampleNumber	CustomerSample Number	CollectDate	CollectTime	ProjectID	Test	PrepMethod	Param	Result	Reporting Units	AnalysisTime	Reporting Limit	ReceiveDate	Matrix	Method
Colorado Milling CO	210406028	210406028-01	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	0.0015	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-01	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	0.0002	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-01	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	1.4794	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-01	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.055	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-01	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	Sulfate		Sulfate	209.36	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-01A	Tailing Pond	4/5/2021	9:15:00 AM	Gold Hill	TDS		Total Dissolved Solids	368	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-02	MW 1	4/5/2021	10:35:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	< 0.0006	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-02	MW 1	4/5/2021	10:35:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	< 0.0001	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-02	MW 1	4/5/2021	10:35:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.3198	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-02	MW 1	4/5/2021	10:35:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	< 0.001	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-02	MW 1	4/5/2021	10:35:00 AM	Gold Hill	Sulfate		Sulfate	892.81	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-02A	MW 1	4/5/2021	10:35:00 AM	Gold Hill	TDS		Total Dissolved Solids	1419	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-03	W 1	4/5/2021	10:50:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	0.0008	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-03	W 1	4/5/2021	10:50:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	< 0.0001	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-03	W 1	4/5/2021	10:50:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.0065	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-03	W 1	4/5/2021	10:50:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.010	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-03	W 1	4/5/2021	10:50:00 AM	Gold Hill	Sulfate		Sulfate	32.45	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-03A	W 1	4/5/2021	10:50:00 AM	Gold Hill	TDS		Total Dissolved Solids	116	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-04	W2	4/5/2021	11:05:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	< 0.0006	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-04	W2	4/5/2021	11:05:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	0.0002	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-04	W2	4/5/2021	11:05:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.0021	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-04	W2	4/5/2021	11:05:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.054	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-04	W2	4/5/2021	11:05:00 AM	Gold Hill	Sulfate		Sulfate	111.85	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-04A	W2	4/5/2021	11:05:00 AM	Gold Hill	TDS		Total Dissolved Solids	267	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-05	W3	4/5/2021	11:20:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	< 0.0006	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-05	W3	4/5/2021	11:20:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	< 0.0001	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-05	W3	4/5/2021	11:20:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.0069	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-05	W3	4/5/2021	11:20:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.004	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-05	W3	4/5/2021	11:20:00 AM	Gold Hill	Sulfate		Sulfate	137.69	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-05A	W3	4/5/2021	11:20:00 AM	Gold Hill	TDS		Total Dissolved Solids	388	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-06	W4	4/5/2021	11:38:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	0.0007	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-06	W4	4/5/2021	11:38:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	< 0.0001	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-06	W4	4/5/2021	11:38:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.9392	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-06	W4	4/5/2021	11:38:00 AM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.002	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-06	W4	4/5/2021	11:38:00 AM	Gold Hill	Sulfate		Sulfate	167.91	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-06A	W4	4/5/2021	11:38:00 AM	Gold Hill	TDS		Total Dissolved Solids	474	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-07	MW5	4/5/2021	12:05:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	0.0016	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-07	MW5	4/5/2021	12:05:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	< 0.0001	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-07	MW5	4/5/2021	12:05:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.2739	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-07	MW5	4/5/2021	12:05:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.002	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-07	MW5	4/5/2021	12:05:00 PM	Gold Hill	Sulfate		Sulfate	260.49	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-07A	MW5	4/5/2021	12:05:00 PM	Gold Hill	TDS		Total Dissolved Solids	688	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-08	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	< 0.0006	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-08	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	0.0021	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-08	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.1569	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-08	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	1.166	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-08	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	Sulfate		Sulfate	508.01	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-08A	Cash Mine Pond	4/5/2021	12:15:00 PM	Gold Hill	TDS		Total Dissolved Solids	859	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C
Colorado Milling CO	210406028	210406028-09	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Arsenic	< 0.0006	mg/L	4/8/2021	0.0006	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-09	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Cadmium	0.0010	mg/L	4/8/2021	0.0001	4/6/2021	Water - Ground	EPA 200.8

Colorado Milling CO	210406028	210406028-09	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Manganese	0.0074	mg/L	4/8/2021	0.0008	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-09	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	Metals By ICP-MS	Dissolved	Zinc	0.319	mg/L	4/8/2021	0.001	4/6/2021	Water - Ground	EPA 200.8
Colorado Milling CO	210406028	210406028-09	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	Sulfate		Sulfate	215.80	mg/L	4/6/2021	0.01	4/6/2021	Water - Ground	EPA 300.0
Colorado Milling CO	210406028	210406028-09A	Cash Gulch Creek	4/5/2021	1:00:00 PM	Gold Hill	TDS		Total Dissolved Solids	372	mg/L	4/7/2021	5	4/6/2021	Water - Ground	SM 2540-C