

Analytical Results

TASK NO: 200518065

Report To: Barry Mauerman

Company: Meadow Mountain Water Company
P.O. Box 162
Allenspark CO 80510

Bill To: Rachel Barkworth

Company: Meadow Mountain Water Company
P.O. Box 162
Allenspark CO 80510

Task No.: 200518065

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 5/18/20

Date Reported: 5/26/20

Matrix: Water - Drinking

Customer Sample ID Distribution - Entry

Sample Date/Time: 5/17/20 5:10 PM

Lab Number: 200518065-03

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	2.1 mg/L	EPA 300.0	0.1 mg/L	5/19/20	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/19/20	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/19/20	MAT	
Sulfate	2.1 mg/L	EPA 300.0	0.1 mg/L	5/19/20	MAT	
Phosphorus - Total	0.02 mg/L	EPA 365.1	0.01 mg/L	5/21/20	MBN	
Bicarbonate	9.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Alkalinity	9.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Dissolved Solids	34 mg/L	SM 2540-C	5 mg/L	5/20/20	ISG	
pH	7.00 units	SM 4500-H-B	0.01 units	5/17/20	Sampler	
Temperature	4 °C	SM 4500-H-B	1 °C	5/17/20	Sampler	
Total						
Calcium as CaCO ₃	5.2 mg/L	Calculation	0.1 mg/L	5/21/20	MBN	
Calcium	2.1 mg/L	EPA 200.7	0.1 mg/L	5/21/20	MBN	
Iron	0.009 mg/L	EPA 200.7	0.005 mg/L	5/21/20	MBN	0.3
Manganese	< 0.0008 mg/L	EPA 200.8	0.0008 mg/L	5/19/20	IPC	0.05

Abbreviations/ References:

ML = Minimum Level = LRL = RL

MCL = Maximum Contaminant Level per The EPA

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: 200518065

Report To: Barry Mauerman

Company: Meadow Mountain Water Company
P.O. Box 162
Allenspark CO 80510

Bill To: Rachel Barkworth

Company: Meadow Mountain Water Company
P.O. Box 162
Allenspark CO 80510

Task No.: 200518065
Client PO:
Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 5/18/20
Date Reported: 5/26/20
Matrix: Water - Drinking

Customer Sample ID Distribution - Mauerman

Sample Date/Time: 5/17/20 5:35 PM

Lab Number: 200518065-04

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	2.3 mg/L	EPA 300.0	0.1 mg/L	5/19/20	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/19/20	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/19/20	MAT	
Sulfate	1.7 mg/L	EPA 300.0	0.1 mg/L	5/19/20	MAT	
Phosphorus - Total	0.02 mg/L	EPA 365.1	0.01 mg/L	5/21/20	MBN	
Bicarbonate	9.2 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Alkalinity	9.2 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Dissolved Solids	41 mg/L	SM 2540-C	5 mg/L	5/20/20	ISG	
pH	6.90 units	SM 4500-H-B	0.01 units	5/17/20	Sampler	
Temperature	4 °C	SM 4500-H-B	1 °C	5/17/20	Sampler	
Total						
Calcium as CaCO ₃	5.3 mg/L	Calculation	0.1 mg/L	5/21/20	MBN	
Calcium	2.1 mg/L	EPA 200.7	0.1 mg/L	5/21/20	MBN	
Iron	0.215 mg/L	EPA 200.7	0.005 mg/L	5/21/20	MBN	0.3
Manganese	0.0064 mg/L	EPA 200.8	0.0008 mg/L	5/19/20	IPC	0.05

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P.O. Box 162
Allenspark CO 80510

Task No.: 200518065

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 5/18/20

Date Reported: 5/26/20

Matrix: Water - Drinking

Customer Sample ID Distribution - Entry

Sample Date/Time: 5/18/20 8:00 AM

Lab Number: 200518065-05

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	2.0 mg/L	EPA 300.0	0.1 mg/L	5/20/20	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/20/20	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/20/20	MAT	
Sulfate	1.8 mg/L	EPA 300.0	0.1 mg/L	5/20/20	MAT	
Phosphorus - Total	0.02 mg/L	EPA 365.1	0.01 mg/L	5/21/20	MBN	
Bicarbonate	8.5 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Alkalinity	8.5 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	5/19/20	DPL	
Total Dissolved Solids	37 mg/L	SM 2540-C	5 mg/L	5/20/20	ISG	
pH	7.00 units	SM 4500-H-B	0.01 units	5/18/20	Sampler	
Temperature	4 °C	SM 4500-H-B	1 °C	5/18/20	Sampler	
Total						
Calcium as CaCO ₃	5.2 mg/L	Calculation	0.1 mg/L	5/21/20	MBN	
Calcium	2.1 mg/L	EPA 200.7	0.1 mg/L	5/21/20	MBN	
Iron	0.010 mg/L	EPA 200.7	0.005 mg/L	5/21/20	MBN	0.3
Manganese	< 0.0008 mg/L	EPA 200.8	0.0008 mg/L	5/19/20	IPC	0.05

Abbreviations/ References:

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MCL = Maximum Contaminant Level per The EPA

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Company: Meadow Mountain Water Company
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Allenspark CO 80510

Bill To: Rachel Barkworth

Company: Meadow Mountain Water Company
P.O. Box 162
Allenspark CO 80510

Task No.: 200518065
Client PO:
Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 5/18/20
Date Reported: 5/26/20
Matrix: Water - Drinking

Customer Sample ID Distribution - Mauerman

Sample Date/Time: 5/18/20 7:00 AM

Lab Number: 200518065-06

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	2.3 mg/L	EPA 300.0	0.1 mg/L	5/20/20	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/20/20	MAT	
Phosphate - Ortho (as PO4)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	5/20/20	MAT	
Sulfate	1.8 mg/L	EPA 300.0	0.1 mg/L	5/20/20	MAT	
Phosphorus - Total	0.02 mg/L	EPA 365.1	0.01 mg/L	5/21/20	MBN	
Bicarbonate	9.6 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	5/19/20	DPL	
Carbonate	< 0.1 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	5/19/20	DPL	
Hydroxide	< 0.1 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	5/19/20	DPL	
Total Alkalinity	9.6 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	5/19/20	DPL	
Total Dissolved Solids	35 mg/L	SM 2540-C	5 mg/L	5/20/20	ISG	
pH	7.00 units	SM 4500-H-B	0.01 units	5/18/20	Sampler	
Temperature	4 °C	SM 4500-H-B	1 °C	5/18/20	Sampler	
Total						
Calcium as CaCO3	5.3 mg/L	Calculation	0.1 mg/L	5/21/20	MBN	
Calcium	2.1 mg/L	EPA 200.7	0.1 mg/L	5/21/20	MBN	
Iron	0.310 mg/L	EPA 200.7	0.005 mg/L	5/21/20	MBN	0.3
Manganese	0.0073 mg/L	EPA 200.8	0.0008 mg/L	5/19/20	IPC	0.05

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MCL = Maximum Contaminant Level per The EPA

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Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

Drinking Water Chain of Custody



LABORATORIES, INC.

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 Information	
Company Name: <u>MEADCO INCORPORATED</u>	Company Name: <u>SHAWZ</u>	Company Name: <u>SHAWZ</u>		PWSID: <u>0207504</u>	
Contact Name: <u>BARRY MAUERMAN</u>	Contact Name: <u>KATHLEEN KURTZ</u>	Contact Name: <u>KATHLEEN KURTZ</u>		System Name: <u>MEADCO INCORPORATED</u>	
Address: <u>P.O. BOX 162</u>	Address: <u>SHAWZ</u>	Compliance Samples: Yes ☒ No ☐		Send Results to CDPHE: Yes ☒ No ☐	
City: <u>ALDEN</u> State: <u>CO</u> Zip: <u>80570</u>	City: <u> </u> State: <u> </u> Zip: <u> </u>	Task Number (Lab Use Only)		CAL Task No. <u>200518065</u>	
Phone: <u>303-747-0317</u>	Phone: <u>303-823-2318</u>	Email: <u>barmy.mauerman@gmail.com</u>		Email: <u>SHAWZ</u>	
Sample Collector: <u>BARRY MAUERMAN</u>	Sample Collector: <u> </u>	Sample Collector Phone: <u>303-747-0317</u>		PO Number: <u> </u>	

PHASE I, II, V Drinking Water Analyses (check requested analysis)				Subcontract Analyses																										
Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chloride	
5/17/20	1710	DISTRIBUTION - ENDURY	1																											
5/17/20	1735	DISTRIBUTION - MAUERMAN	1																											
5/17/20	1710	DISTRIBUTION - ENDURY	4																											
5/17/20	1735	DISTRIBUTION - MAUERMAN	4																											
5/17/20	0800	DISTRIBUTION - ENDURY	4																											
5/18/20	0700	DISTRIBUTION - MAUERMAN	4																											

Instructions: PLEASE INCLUDE ON REPORT

Relinquished By: BARRY MAUERMAN Date/Time: 5/18/20 0930 Received By: Date/Time: 5/18/20 9:30

Delivered Via: Head C/S Charge ☐ Temp. 5.3 °C/ice 1 Seals Present Yes ☐ No ☐ Headspace Yes ☐ No ☐

Relinquished By: Date/Time: Received By: Date/Time:

Bar Barry cu/pb are special bar post-H (N/A)

MEADOW MOUNTAIN WATER - WQP TEST

CAL Task No.
200518065

JML

- Alkalinity
- Calcium (as mg/L CaCO_3)
- Total Dissolved Solids
- ~~Silica (only if an inhibitor containing silica is used)~~
- Orthophosphate (mg/L as P)* (required even if an inhibitor containing phosphate is not used)
- Total phosphorus (mg/L as P)
- Chloride
- Sulfate
- Iron
- Manganese

* Note, if an orthophosphate concentration is given in units of "mg/L as PO_4 " or "mg/L as orthophosphate," the value must be divided by 3 to convert to "mg/L as P"