

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 PO4)	< 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 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	9.3 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	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 CaCO3	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

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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 PO4)	< 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 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	9.2 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	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 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	0.215 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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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: 5/18/20 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 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	8.5 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	8.5 mg/L as CaCO3	SM 2320-B	0.1 mg/L as CaCO3	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 CaCO3	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

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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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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"