

Analytical Results

TASK NO: 191213014

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.: 191213014

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 12/13/19

Date Reported: 12/19/19

Matrix: Water - Drinking

Customer Sample ID Distribution - Entry

Sample Date/Time: 12/11/19 9:15 AM

Lab Number: 191213014-03

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	1.7 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Sulfate	1.6 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphorus - Total	0.01 mg/L	EPA 365.1	0.01 mg/L	12/16/19	MBN	
Bicarbonate	10.7 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Alkalinity	10.7 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Dissolved Solids	21 mg/L	SM 2540-C	5 mg/L	12/17/19	ISG	
pH	6.90 units	SM 4500-H-B	0.01 units	12/13/19	Sampler	
Temperature	3 °C	SM 4500-H-B	1 °C	12/13/19	Sampler	
Total						
Calcium as CaCO ₃	5.1 mg/L	Calculation	0.1 mg/L	12/17/19	MBN	
Calcium	2.1 mg/L	EPA 200.7	0.1 mg/L	12/16/19	MBN	
Iron	< 0.005 mg/L	EPA 200.7	0.005 mg/L	12/16/19	MBN	0.3
Manganese	< 0.0008 mg/L	EPA 200.8	0.0008 mg/L	12/16/19	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: 191213014

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.: 191213014

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 12/13/19

Date Reported: 12/19/19

Matrix: Water - Drinking

Customer Sample ID Distribution - Mauerman

Sample Date/Time: 12/11/19 10:30 AM

Lab Number: 191213014-04

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	1.7 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Sulfate	1.6 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphorus - Total	0.01 mg/L	EPA 365.1	0.01 mg/L	12/16/19	MBN	
Bicarbonate	10.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Alkalinity	10.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Dissolved Solids	19 mg/L	SM 2540-C	5 mg/L	12/17/19	ISG	
pH	6.90 units	SM 4500-H-B	0.01 units	12/13/19	Sampler	
Temperature	6 °C	SM 4500-H-B	1 °C	12/13/19	Sampler	
Total						
Calcium as CaCO ₃	5.0 mg/L	Calculation	0.1 mg/L	12/17/19	MBN	
Calcium	2.0 mg/L	EPA 200.7	0.1 mg/L	12/16/19	MBN	
Iron	0.027 mg/L	EPA 200.7	0.005 mg/L	12/16/19	MBN	0.3
Manganese	0.0009 mg/L	EPA 200.8	0.0008 mg/L	12/16/19	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.: 191213014

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 12/13/19

Date Reported: 12/19/19

Matrix: Water - Drinking

Customer Sample ID Distribution - Entry

Sample Date/Time: 12/12/19 10:00 AM

Lab Number: 191213014-05

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	1.7 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Sulfate	1.7 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphorus - Total	0.02 mg/L	EPA 365.1	0.01 mg/L	12/16/19	MBN	
Bicarbonate	10.9 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Alkalinity	10.9 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Dissolved Solids	18 mg/L	SM 2540-C	5 mg/L	12/17/19	ISG	
pH	7.00 units	SM 4500-H-B	0.01 units	12/13/19	Sampler	
Temperature	3 °C	SM 4500-H-B	1 °C	12/13/19	Sampler	
Total						
Calcium as CaCO ₃	5.0 mg/L	Calculation	0.1 mg/L	12/17/19	MBN	
Calcium	2.0 mg/L	EPA 200.7	0.1 mg/L	12/16/19	MBN	
Iron	< 0.005 mg/L	EPA 200.7	0.005 mg/L	12/16/19	MBN	0.3
Manganese	< 0.0008 mg/L	EPA 200.8	0.0008 mg/L	12/16/19	IPC	0.05

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Bill To: Rachel Barkworth

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P.O. Box 162
Allenspark CO 80510

Task No.: 191213014

Client PO:

Client Project: Meadow Mtn Water Supply CO0207504

Date Received: 12/13/19

Date Reported: 12/19/19

Matrix: Water - Drinking

Customer Sample ID Distribution - Mauerman

Sample Date/Time: 12/12/19 12:30 PM

Lab Number: 191213014-06

Test	Result	Method	ML	Date Analyzed	Analyzed By	MCL
Chloride	1.8 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphate - Ortho (as P)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Phosphate - Ortho (as PO ₄)	< 0.01 mg/L	EPA 300.0	0.01 mg/L	12/13/19	MAT	
Sulfate	1.6 mg/L	EPA 300.0	0.1 mg/L	12/13/19	MAT	
Phosphorus - Total	0.01 mg/L	EPA 365.1	0.01 mg/L	12/16/19	MBN	
Bicarbonate	10.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Carbonate	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Hydroxide	< 0.1 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Alkalinity	10.3 mg/L as CaCO ₃	SM 2320-B	0.1 mg/L as CaCO ₃	12/16/19	ERL	
Total Dissolved Solids	18 mg/L	SM 2540-C	5 mg/L	12/17/19	ISG	
pH	6.90 units	SM 4500-H-B	0.01 units	12/13/19	Sampler	
Temperature	8 °C	SM 4500-H-B	1 °C	12/13/19	Sampler	
Total						
Calcium as CaCO ₃	5.0 mg/L	Calculation	0.1 mg/L	12/17/19	MBN	
Calcium	2.0 mg/L	EPA 200.7	0.1 mg/L	12/16/19	MBN	
Iron	0.021 mg/L	EPA 200.7	0.005 mg/L	12/16/19	MBN	0.3
Manganese	0.0008 mg/L	EPA 200.8	0.0008 mg/L	12/16/19	IPC	0.05

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

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>MEADOWS MOUSSE</u>	Company Name: _____	Contact Name: _____		PWSID: <u>0207504</u>	System Name: <u>MEADOWS MOUSSE WATER SUPPLY</u>
Contact Name: <u>BARRY MAUERKMAN</u>	Contact Name: _____	Address: _____		Compliance Samples: Yes ☒ No ☐	
Address: <u>P.O. Box 162</u>	Address: _____	City: _____	State: _____ Zip: _____	Send Results to CDPHE: Yes ☒ No ☐	
City: <u>WEEKS PARK</u>	City: _____	Phone: <u>303-747-0317</u>	Phone: _____	Task Number (Lab Use Only)	CAL Task No. <u>191213014</u>
Email: <u>barry.mauerkmn@gmail.com</u>	Email: _____	Sample Collector: <u>BARRY MAUERKMAN</u>	PO Number: _____	JML	
Sample Collector Phone: <u>303-747-0317</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	Chlorine		
12/11/11	0915	DKR18UT000-ENVTRY	1															X													
12/11/11	1030	DKR18UT000-MAUERKMAN	1															X													
12/11/11	0915	DKR18UT000-ENVTRY	4																												
12/11/11	1030	DKR18UT000-MAUERKMAN	4																												
12/12/11	1000	DKR18UT000-ENVTRY	4																												
12/12/11	1230	DKR18UT000-MAUERKMAN	4																												
Instructions: <u>Barry OK to run out of holding tank (akho-p) - JML</u> PLEASE INCLUDE ON REPORT: <u>DKR18UT000-ENVTRY</u> <u>DKR18UT000-MAUERKMAN</u> Relinquished By: <u>Barry Mauerkmn</u> Date/Time: <u>12/13/11 10:54</u> Received By: <u>J. K.</u> Date/Time: <u>12/13/11 10:54</u> Delivered Via: <u>Hand</u> C/S Info: _____ C/S Charge ☐ Temp. <u>31</u> °C/fce <u>Y</u> Sample Pres. Yes ☒ No ☐ Seals Present Yes ☐ No ☐ Headspace Yes ☐ No ☐																															

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"