



2022 Water Quality Summary Report

JANUARY - DECEMBER

Colorado Springs Utilities is committed to providing our customers with a superior and reliable supply of high quality drinking water. Our drinking water continually meets or surpasses state and federal standards for drinking water. Your health, safety and satisfaction are of utmost priority.

Note: This report is provided to our customers as an additional service and is intended to be used for information only. Please refer to www.csu.org for the official Water Quality Report for Colorado Springs Utilities.

Treatment Plant Effluents	Units	MCL
Aluminum	ug/L	200*
Antimony	ug/L	6
Arsenic	ug/L	10
Cadmium	ug/L	5
Calcium	ug/L	NL
Chloride	mg/L	250*
Chlorine Residual (free Cl ₂)	mg/L	4.00**
Chromium	ug/L	100
Conductivity	µS/cm	NL
Copper	ug/L	1,000*
Fluoride	mg/L	2.0*, 4.0
Hardness (as CaCO ₃)	mg/L	NL
Iron	ug/L	300*
Lead	ug/L	15***
Magnesium	ug/L	NL
Manganese	ug/L	50*
Mercury	ug/L	0.002
Nitrate as Nitrogen	mg/L	10
pH	SU	7.0 - 9.0 TT
Silica	ug/L	NL
Sodium	ug/L	NL
Sulfate	mg/L	250*
Thallium	ug/L	2
Total Alkalinity (as CaCO ₃)	mg/L	20-200 TT
Total Dissolved Solids	mg/L	500*
Turbidity	NTU	<0.3 NTU
Zinc	ug/L	5,000*

Pine Valley/McCullough		
Minimum	Maximum	Average
<20.0	31.8	<20.0
	<0.50	
	<1.0	
	<0.50	
8420	9720	9060
1.57	1.96	1.85
0.73	1.23	0.91
	<1.0	
87	104	95
	5.7	
0.14	0.21	0.16
26.8	31	28.9
	13.9	
	<0.50	
1390	1630	1520
<5.00	6.17	<5.00
	<0.10	
<0.10	<0.10	<0.10
7.6	8.2	7.9
	3520	
5550	9550	7430
19.1	20.7	20
	<0.50	
18	29	24
54	60	57.4
<0.05	0.07	0.06
	<2.0	

Phillip H. Tollefson		
Minimum	Maximum	Average
37.8	190	94.4
	<0.50	
	<1.0	
	<0.50	
11800	19200	14800
6.36	23.6	15.2
0.96	1.6	1.19
	<1.0	
123	228	168
	<1.0	
0.74	1.62	1.2
38.4	63.7	48.8
	<10.0	
	<0.50	
2150	3840	2900
<5.00	<5.00	<5.00
	<0.10	
0.12	0.18	0.11
7.5	7.8	7.7
	5840	
7960	21000	13200
14.6	29.5	22.6
	<0.50	
29	42	36
86	132	109
0.06	0.28	0.1
	<2.0	

*Secondary non-enforceable standard; established for aesthetic reasons

**Maximum Residual Disinfectant Level (MRDL). The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

***Action Level, 90% of residential sites must be below this level. Value listed is from the Treatment Plant Effluent.

MCL- Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. These standards are set by the EPA and enforceable by the Colorado Department of Public Health and Environment (CDPHE).

NL- No limit has been set

NT - Not tested. Some contaminants require less frequent monitoring and may not have been collected before this publishing.

NTU- Nephelometric Turbidity Unit. A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

mg/L- Milligrams per million, also expressed as parts per million (ppm): 1 part per million corresponds to one penny in \$10,000

su- Standard Unit of Measurement

ug/L- Micrograms per liter, also expressed as parts per billion (ppb): 1 part per billion corresponds to one penny in \$10,000,000

µS/cm- Microsiemens per centimeter: Conductivity is the ability of a solution to transfer (conduct) electric current. It is the reciprocal of electrical resistivity (ohms)

Did you know- Colorado Springs Utilities Laboratory Services conducts over 1,000 tests per month to ensure the highest quality water possible

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Aluminum	ug/L	200*
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Cadmium	ug/L	5
Calcium	ug/L	NL
Chloride	mg/L	250*
Chlorine Residual (free Cl2)	mg/L	4.00**
Chromium	ug/L	100
Conductivity	µS/cm	NL
Copper	ug/L	1,000*
Fluoride	mg/L	2.0*, 4.0
Hardness (as CaCO3)	mg/L	NL
Iron	ug/L	300*
Lead	ug/L	15***
Magnesium	ug/L	NL
Manganese	ug/L	50*
Mercury	mg/L	0.002
Nitrate as Nitrogen	mg/L	10
pH	SU	7.0 - 9.0 TT
Silica	ug/L	NL
Sodium	ug/L	NL
Sulfate	mg/L	250*
Thallium	ug/L	2
Total Alkalinity (as CaCO3)	mg/L	20-200 TT
Total Dissolved Solids	mg/L	500*
Turbidity	NTU	<0.3 NTU
Zinc	ug/L	5,000*

Fountain Valley Authority: Supplies water to Fountain, Security, Widefield, Colorado Springs and Stratmoor Hills		
Minimum	Maximum	Average
<20.0	<20.0	<20.0
	<0.50	
	<1.0	
	<0.50	
38000	50400	44900
9.8	11.3	10.7
0.99	1.47	1.14
	1.3	
339	423	383
	1.0	
0.39	0.45	0.42
134	180	159
	55.6	
	<0.50	
5910	13900	11500
	<5.00	
	<0.10	
0.15	0.29	0.22
7.6	7.8	7.7
	5310	
15000	19800	17600
74.4	97.4	86.7
	<0.50	
81	104	102
223	267	245
0.05	3.6	0.43
	2.3	

Edward W. Bailey: Built in 2016, Bailey Treatment Plant currently provides water to the Southeast side of Colorado Springs		
Minimum	Maximum	Average
<20.0	<20.0	<20.0
	<0.50	
	<1.0	
	<0.50	
42600	48200	45300
7.44	9.01	8.57
0.89	1.23	1.01
	1.5	
356	426	404
	3.2	
0.42	0.47	0.45
150	172	161
	<10.0	
	<0.50	
10600	12600	11600
	<5.00	
	<0.10	
0.17	0.37	0.25
7.4	8.00	7.7
	6260	
21700	24600	23000
88	109	102
	<0.50	
92	105	100
277	279	278
<0.05	0.13	<0.05
	<2.0	

Distribution System	Units	MCL
pH	su	7.0-9.0 TT
Temperature	°C	NL
Chlorine Residual (free Cl2)	mg/L	4.00**

Minimum	Maximum	Average
7.3	9.1	8.00
3	23	12
0.17	1.45	0.62

°C- Centigrade

TT- Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water

Organic Compounds: Additional organic compounds are analyzed periodically as required internally or by the EPA. These compounds include volatile organics chemicals, pesticides, herbicides and other synthetic organic chemicals. The concentrations of these compounds in the drinking water have never exceeded their respective MCLs.

Radionuclides: Radionuclides are analyzed periodically as required by the EPA. The concentrations have never exceeded the MCLs. Specific data available upon request.

Advisory: All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791), or by visiting www.epa.gov/safewater.

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Ute Pass: Built in 1987, Ute Pass Treatment Plant currently provides water to the communities of Green Mountain Falls, Chipita Park and Cascade

Treatment Plant Effluents	Units	MCL
Aluminum	ug/L	200*
Antimony	ug/L	6
Arsenic	ug/L	10
Cadmium	ug/L	5
Calcium	ug/L	NL
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Mercury	ug/L	0.002
Nitrate as Nitrogen	mg/L	10
pH	SU	7.0 - 9.0 TT
Silica	ug/L	NL
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Sulfate	mg/L	250*
Thallium	ug/L	2
Total Alkalinity (as CaCO3)	mg/L	20-200 TT
Total Dissolved Solids	mg/L	500*
Turbidity	NTU	<0.3 NTU
Zinc	ug/L	5,000*

Minimum	Maximum	Average
<20.0	21.5	<20.0
<0.50		
<1.0		
<0.50		
11300	13200	12200
4.3	5.06	4.76
0.93	1.13	1.01
<1.0		
103	139	121
<1.0		
0.35	0.45	0.38
37.8	44.4	41
	24.7	
<0.50		
2310	2800	2430
<5.00		
<0.10		
<0.10	0.14	<0.10
7.8	8.2	7.8
	1520	
4450	13500	7910
15.00	16.00	15.5
<0.50		
30	51	38
61	69	65
<0.05	0.23	<0.05
<2.0		

**Questions?
Please call Laboratory Services
719-668-4560**

