



2018 Water Quality Summary Report

Reporting Period: 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)	gr/Gal	NL
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	51.8	7.9
	<0.50	
	<1.0	
	<0.50	
6870	10300	9520
1.41	2.37	1.92
0.73	1.06	0.90
	<1.0	
89	106	100
	5.4	
0.15	0.22	0.18
1.28	1.91	1.76
22.0	32.7	30.1
	<10.0	
	<0.50	
1180	1700	1590
<5.00	10.9	<5.00
	<0.0002	
	<0.05	
7.4	8.2	7.8
	3450	
5590	8850	7060
18.2	20.7	19
	<0.50	
23	31	26
48	71	59
0.05	0.20	0.09
	<2.0	

Phillip H. Tollefson		
Minimum	Maximum	Average
27.1	75.4	37
	<0.50	
	<1.0	
	<0.50	
7880	13600	12100
3.64	7.39	6.20
0.77	0.99	0.90
	<1.0	
103	142	127
	<1.0	
0.52	1.01	0.71
1.54	2.64	2.35
26.4	45.2	40.3
	<10.0	
	<0.50	
1630	2710	2460
<5.00	<5.00	<5.00
	<0.0002	
0.10	0.14	0.09
7.8	8.0	7.9
	5100	
5660	11000	8590
17.9	18.9	18.4
	<0.50	
29	43	35
75	85	82
0.05	0.10	0.07
	<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.

°C- Centigrade

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

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

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

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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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)	gr/Gal	NL
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*

Fountain Valley Authority: Supplies water to Fountain, Security, Widefield, Colorado Springs and Stratmoor Hills		
Minimum	Maximum	Average
<20.0	25.7	<20.0
	<0.50	
	<1.0	
	<0.50	
38100	56700	48700
9.70	10.80	10.20
0.89	1.15	1.00
	<1.0	
408	482	438
	1.1	
0.43	0.54	0.48
7.94	11.79	10.15
136	202	174
	15.9	
	<0.50	
9840	14700	12800
	<5.00	
	<0.002	
0.25	0.44	0.34
7.5	8.1	7.9
	7380	
14400	22400	19800
100	115	108
	<0.50	
88	110	101
254	284	267
0.05	0.15	0.08
	<2.0	

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	
36100	55000	49600
7.91	9.54	8.72
0.49	0.78	0.67
	<1.0	
395	493	445
	3.0	
0.44	0.54	0.50
7.59	11.38	10.39
130	195	178
	<10.0	
	<0.50	
9580	14600	13100
	<5.00	
	<0.002	
0.21	0.52	0.37
7.4	7.6	7.5
	7090	
15400	23400	21400
109	125	116
	<0.50	
93	107	101
263	315	287
0.05	0.10	0.08
	2.3	

Distribution System	Units	MCL
pH	su	NL
Temperature	°C	NL
Chlorine Residual (free Cl ₂)	mg/L	4.00**

Minimum	Maximum	Average
7.1	9.4	8.0
4	22	12
0.10	1.14	0.54

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.

Questions?
Please contact Laboratory Services
719-668-4560 or Waterquality@csu.org

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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

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Aluminum	ug/L	200*
Antimony	ug/L	6
Arsenic	ug/L	10
Cadmium	ug/L	5
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pH	SU	7.0 - 9.0 TT
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Total Dissolved Solids	mg/L	500*
Turbidity	NTU	<0.3 NTU
Zinc	ug/L	5,000*

Minimum	Maximum	Average
<20.0	32.2	8.5
	<0.50	
	<1.0	
	<0.50	
10700	12300	11500
4.64	5.16	4.94
0.74	0.95	0.82
	<1.0	
100	133	113
	<1.0	
0.42	0.60	0.49
2.11	2.4	2.25
36.1	41.2	38.6
	<10.0	
	<0.50	
2280	2540	2430
	<5.00	
	<0.002	
<0.05	0.14	<0.05
7.8	8.1	7.9
	3480	
4910	12600	7220
12.3	14.7	13.3
	<0.50	
30	49	36
54	82	69
0.05	0.10	0.07
	<2.0	

Questions?

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