



## 2020 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](http://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 <sub>2</sub> )	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 <sub>3</sub> )	gr/Gal	NL
Hardness (as CaCO <sub>3</sub> )	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 <sub>3</sub> )	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	29.6	12.7
	<0.50	
	<1.0	
	<0.50	
8380	9750	8950
1.58	1.84	1.75
0.74	1.21	0.92
	<1.0	
82	100	92
	5.6	
0.12	0.24	0.16
1.57	1.81	1.66
26.9	31.0	28.5
	20.0	
	<0.50	
1430	1620	1490
<5.00	<5.00	<5.00
	<0.10	
	<0.10	
7.8	8.1	7.9
	3740	
	8970	
17.9	18.7	18.4
	<0.50	
22	29	25
51	61	55
0.05	0.19	0.08
	2.1	

Phillip H. Tollefson		
Minimum	Maximum	Average
39.1	91.1	62.6
	<0.50	
	<1.0	
	<0.50	
9960	16400	12000
3.52	15.80	9.70
0.63	1.26	1.05
	<1.0	
103	191	133
	<1.0	
0.63	0.87	0.73
2.03	3.14	2.41
34.8	53.8	41.2
	<10.0	
	<0.50	
2130	3100	2500
<5.00	<5.00	<5.00
	<0.10	
<0.10	0.16	0.08
7.4	9.4	8.0
	5010	
	15200	
16.7	24.5	20.6
	<0.50	
27	44	35
61	68	64
<0.05	0.22	0.10
	<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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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 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)	gr/Gal	NL
Hardness (as CaCO3)	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 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	
34400	48500	41400
9.25	9.89	9.65
0.83	1.27	1.05
	<1.0	
315	404	352
	<1.0	
0.34	0.43	0.38
7.13	9.99	8.53
122	171	146
	43.5	
	<0.50	
8660	12100	10300
	<5.00	
	<0.10	
	0.22	
7.7	7.9	7.8
	4480	
	18700	
73.5	82.5	79.5
	<0.50	
77	94	89
182	228	205
<0.05	0.16	0.04
	<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	
35600	45600	40900
7.13	8.35	7.67
0.61	0.96	0.78
	<1.0	
337	394	365
	1.6	
0.35	0.42	0.39
7.13	9.34	8.41
122	160	144
	19.6	
	<0.50	
8040	11400	10100
	<5.00	
	<0.10	
0.14	0.33	0.25
7.6	8.1	7.8
	5930	
	23200	
88.1	92.2	89.8
	<0.50	
83	98	91
206	226	216
<0.05	0.16	0.08
	<2.0	

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

Minimum	Maximum	Average
7.00	9.00	8.00
3	26	13
0.06	0.98	0.57

**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](http://www.epa.gov/safewater).

**Questions?**  
**Please contact Laboratory Services**  
**719-668-4560 or [Waterquality@csu.org](mailto: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

Treatment Plant Effluents	Units	MCL
Aluminum	ug/L	200*
Antimony	ug/L	6
Arsenic	ug/L	10
Cadmium	ug/L	5
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Chloride	mg/L	250*
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Nitrate as Nitrogen	mg/L	10
pH	SU	7.0 - 9.0 TT
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Sodium	ug/L	NL
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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	20.3	<20.0
	<0.50	
	<1.0	
	<0.50	
11000	13200	11800
5.43	6.17	5.71
0.78	0.95	0.85
	<1.0	
91	143	119
	<1.0	
0.36	0.44	0.39
2.17	2.61	2.33
37.2	44.7	39.9
	<10.0	
	<0.50	
2330	2820	2430
	16.6	
	<0.10	
<0.10	<0.10	<0.10
7.6	8.1	7.9
	1820	
	13300	
13.4	15.3	14.1
	<0.50	
31	51	39
62	70	66
<0.05	0.12	0.06
	<2.0	

**Questions?**

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