

Table 32. Summary of measured constituents and properties for Fountain Creek below Jimmy Camp Creek near Fountain, Co., station 383854104413601  
 [--, no data or not applicable; L, low; M, medium; H, high; LRL, Lab Reporting Level; \*, value is censored, see Definition of Terms for censored value replacement rules; NC, percentiles and medians not calculated or Level of Concern not computed; \*\*, Geometric mean; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, *Escherichia coli*, pH, and water temperature]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Instantaneous discharge, in cubic feet per second	2011-2017	126	0	40.0	110	1,900	05/15/15	69.1	190	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	50	0	61.2	110	3,500	08/06/18	82.1	137	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2011-2017	80	0	6.5	8.8	11.7	12/18/12	7.3	10.6	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	24	0	7.1	9.2	11.5	02/07/19	7.2	10.3	5.0	0	--	--	--	L
pH, in standard units	2011-2017	81	0	7.9	8.3	8.7	03/29/11	8.1	8.4	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	24	0	8.1	8.3	8.5	06/07/18	8.2	8.4	6.5-9.0	0	--	--	--	L
pH, laboratory, in standard units	2019	1	0	8.2	NC	8.2	03/07/19	NC	NC	6.5-9.0	0	--	--	0.10	NC
Specific conductance, laboratory, in microsiemens per centimeter	2019	1	0	1,431	NC	1,431	03/07/19	NC	NC	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	2011-2017	126	0	263	840	1,315	02/08/16	687	944	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	50	0	506	872	1,409	03/07/19	809	947	--	--	.	--	--	--
Temperature, water, degrees Celsius	2011-2017	126	0	0.1	13.7	28.6	07/20/16	5.5	22.4	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	50	0	1.3	13.4	29.6	07/18/18	6.8	20.7	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	2011-2017	95	0	1.0	17.0	28.6	07/20/16	9.5	23.0	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	38	0	7.2	17.6	29.6	07/18/18	9.1	21.1	28.6	1	--	--	--	L
Temperature, water, degrees Celsius December-February	2011-2017	31	0	0.1	5.7	12.0	02/17/11	2.4	8.9	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	12	0	1.3	6.1	9.8	02/26/18	2.0	8.3	14.3	0	--	--	--	L
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2011-2017	81	0	4.3	25.1	1,129	08/08/13	12.5	85.4	--	--	.	--	--	--
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2018-2019	24	0	5.7	15.4	53.0	03/07/19	10.1	39.5	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2011-2014	36	0	253	527	639	04/24/13	486	580	--	--	.	--	20.0	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2019	1	0	843	NC	843	03/07/19	NC	NC	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	2019	1	0	824	NC	824	03/07/19	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	2019	1	0	285	NC	285	03/07/19	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	2019	1	0	75.1	NC	75.1	03/07/19	NC	NC	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2019	1	0	23.5	NC	23.5	03/07/19	NC	NC	--	--	.	--	0.011	--
Potassium, in milligrams per liter	2019	1	0	8.2	NC	8.2	03/07/19	NC	NC	--	--	.	--	0.30	--
Sodium, in milligrams per liter	2019	1	0	176	NC	176	03/07/19	NC	NC	--	--	.	--	0.40	--
Bromide, in micrograms per liter	2019	1	0	0.177	NC	0.177	03/07/19	NC	NC	--	--	--	--	0.010	--
Chloride, in milligrams per liter	2019	1	0	237	NC	237	03/07/19	NC	NC	250	0	.	--	0.020	NC
Fluoride, in milligrams per liter	2019	1	0	1.1	NC	1.1	03/07/19	NC	NC	--	--	.	--	0.010	--
Silica, in milligrams per liter	2019	1	0	10.5	NC	10.5	03/07/19	NC	NC	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	2019	1	0	171	NC	171	03/07/19	NC	NC	250	0	.	--	0.020	NC
Ammonia nitrogen, in milligrams per liter	2019	1	0	0.226	NC	0.226	03/07/19	NC	NC	1.68	0	3.54	0	0.010	NC
Ammonia, unfiltered, in milligrams per liter	2011-2017	81	10	0 *	0.081	0.547	04/07/14	0.022	0.215	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018-2019	23	11	0 *	0.020	0.907	03/07/18	0 *	0.339	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	2019	1	0	4.70	NC	4.70	03/07/19	NC	NC	--	--	10.0	0	0.040	--

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Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Chronic standard or standard	Number of exceedances of chronic standard or standard	Acute standard or standard	Number of exceedances of acute standard or standard	LRL	Level of concern
Nitrate, in milligrams per liter	2019	1	0	4.44	NC	4.44	03/07/19	NC	NC	--	--	10.0	0	--	--
Nitrite nitrogen, in milligrams per liter	2019	1	0	0.260	NC	0.260	03/07/19	NC	NC	--	--	0.50	0	0.0010	--
Orthophosphate, in milligrams per liter	2019	1	0	0.543	NC	0.543	03/07/19	NC	NC	--	--	--	--	0.0040	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2011-2017	119	0	11	88	13,000	09/11/13	--	121 **	126	42	--	--	1	L
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	49	0	12	62	12,000	08/06/18	--	76 **	126	8	--	--	1	L
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2011-2017	121	0	20	2,400	220,000	08/29/16	986	21,600	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	49	0	650	2,400	240,000	08/06/18	1,200	10,000	--	--	--	--	--	--
Aluminum, in micrograms per liter	2019	1	0	7.0	NC	7.0	03/07/19	NC	NC	--	--	.	--	--	--
Barium, in micrograms per liter	2019	1	0	42.0	NC	42.0	03/07/19	NC	NC	1,000	0	.	--	--	NC
Beryllium, in micrograms per liter	2019	1	0	0.0060	NC	0.0060	03/07/19	NC	NC	4.00	0	--	--	--	NC
Cadmium, in micrograms per liter	2019	1	0	0.053	NC	0.053	03/07/19	NC	NC	--	--	.	--	--	--
Chromium, in micrograms per liter	2019	1	1	0 *	NC	0 *	03/07/19	NC	NC	--	--	.	--	--	--
Cobalt, in micrograms per liter	2019	1	0	0.60	NC	0.60	03/07/19	NC	NC	--	--	.	--	--	--
Copper, in micrograms per liter	2019	1	0	2.7	NC	2.7	03/07/19	NC	NC	--	--	.	--	--	--
Iron, in micrograms per liter	2019	1	0	19.3	NC	19.3	03/07/19	NC	NC	300	0	.	--	10.0	NC
Lead, in micrograms per liter	2019	1	0	0.15	NC	0.15	03/07/19	NC	NC	--	--	.	--	--	--
Lithium, in micrograms per liter	2019	1	0	57.0	NC	57.0	03/07/19	NC	NC	--	--	--	--	--	--
Manganese, in micrograms per liter	2019	1	0	24.3	NC	24.3	03/07/19	NC	NC	50.0	0	.	--	0.20	NC
Molybdenum, in micrograms per liter	2019	1	0	4.10	NC	4.10	03/07/19	NC	NC	210	0	--	--	--	NC
Nickel, in micrograms per liter	2019	1	0	2.3	NC	2.3	03/07/19	NC	NC	--	--	.	--	--	--
Strontium, in micrograms per liter	2019	1	0	460	NC	460	03/07/19	NC	NC	--	--	--	--	--	--
Vanadium, in micrograms per liter	2019	1	0	0.900	NC	0.900	03/07/19	NC	NC	--	--	--	--	--	--
Zinc, in micrograms per liter	2019	1	0	25.0	NC	25.0	03/07/19	NC	NC	--	--	.	--	--	--
Antimony, in micrograms per liter	2019	1	0	0.390	NC	0.390	03/07/19	NC	NC	5.60	0	--	--	--	NC
Boron, in micrograms per liter	2019	1	0	123	NC	123	03/07/19	NC	NC	0.75	1	.	--	--	NC
Selenium, in micrograms per liter	2011-2017	81	0	1.4	3.0	4.5	03/29/11	2.5	3.7	4.6	0	18.4	0	0.050	M
Selenium, in micrograms per liter	2018-2019	24	0	2.5	3.4	4.4	02/07/19	2.9	4.0	4.6	0	18.4	0	0.050	M
Organic carbon, in milligrams per liter	2019	1	0	4.5	NC	4.5	03/07/19	NC	NC	--	--	.	--	0.23	--
Uranium (natural), in micrograms per liter	2019	1	0	5.6	NC	5.6	03/07/19	NC	NC	30.0	0	.	--	0.030	NC