

Table 31. Summary of measured constituents and properties for Jimmy Camp Creek at Fountain, Co., station 07105900

[--, 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	1990-2017	229	0	0.22	1.6	585	09/15/11	0.84	2.7	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	12	0	0.57	1.3	1.9	01/18/18	0.63	1.7	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2003-2017	54	0	6.1	9.1	15.6	07/26/05	7.4	11.0	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	12	0	7.7	8.8	11.6	01/30/19	7.7	10.2	5.0	0	--	--	--	L
pH, in standard units	2003-2017	54	0	7.6	8.1	8.4	05/24/04	7.9	8.3	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	12	0	7.9	8.1	8.4	03/05/18	7.9	8.2	6.5-9.0	0	--	--	--	L
pH, laboratory, in standard units	2019	1	0	8.3	NC	8.3	03/07/19	NC	NC	6.5-9.0	0	--	--	0.10	NC
Specific conductance, laboratory, in microsiemens per centimeter	2004-2013	19	0	676	3,050	3,290	09/03/04	2,870	3,190	--	--	.	--	1.0	--
Specific conductance, laboratory, in microsiemens per centimeter	2019	1	0	2,899	NC	2,899	03/07/19	NC	NC	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1990-2017	214	0	282	2,735	3,480	10/20/05	2,180	3,020	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	12	0	2,093	2,718	2,942	01/18/18	2,465	2,899	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2017	226	0	0.0	16.0	30.0	07/03/90	9.0	22.5	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	12	0	5.4	12.5	22.4	07/11/18	5.8	19.6	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1990-2017	184	0	3.0	17.5	30.0	07/03/90	12.0	23.1	28.6	2	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	10	0	5.4	15.2	22.4	07/11/18	5.7	20.5	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	1990-2017	42	0	0.0	7.2	14.5	02/07/00	4.0	11.8	14.3	1	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	2	0	6.2	NC	9.0	01/18/18	NC	NC	14.3	0	--	--	--	NC
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2012	1	0	1.6	NC	1.6	10/31/11	NC	NC	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2019	1	0	2,393	NC	2,393	03/07/19	NC	NC	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	2019	1	0	2,184	NC	2,184	03/07/19	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	2004	1	0	1,053	NC	1,053	10/15/03	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	2019	1	0	977	NC	977	03/07/19	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	2004	1	0	247	NC	247	10/15/03	NC	NC	--	--	.	--	0.030	--
Calcium, in milligrams per liter	2019	1	0	215	NC	215	03/07/19	NC	NC	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2004	1	0	106	NC	106	10/15/03	NC	NC	--	--	.	--	0.024	--
Magnesium, in milligrams per liter	2019	1	0	107	NC	107	03/07/19	NC	NC	--	--	.	--	0.011	--
Potassium, in milligrams per liter	2019	1	0	4.1	NC	4.1	03/07/19	NC	NC	--	--	.	--	0.30	--
Sodium, in milligrams per liter	2019	1	0	375	NC	375	03/07/19	NC	NC	--	--	.	--	0.40	--
Bromide, in micrograms per liter	2019	1	0	0.261	NC	0.261	03/07/19	NC	NC	--	--	--	--	0.010	--
Chloride, in milligrams per liter	2019	1	0	80.2	NC	80.2	03/07/19	NC	NC	--	--	.	--	0.020	--
Fluoride, in milligrams per liter	2004	1	0	0.57	NC	0.57	10/15/03	NC	NC	--	--	.	--	0.17	--
Fluoride, in milligrams per liter	2019	1	0	0.48	NC	0.48	03/07/19	NC	NC	--	--	.	--	0.010	--
Silica, in milligrams per liter	2019	1	0	12.8	NC	12.8	03/07/19	NC	NC	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	2004	1	0	1,414	NC	1,414	10/15/03	NC	NC	--	--	.	--	0.90	--
Sulfate, in milligrams per liter	2019	1	0	1,178	NC	1,178	03/07/19	NC	NC	--	--	.	--	0.020	--

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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
Ammonia nitrogen, in milligrams per liter	2003-2013	31	7	0 *	0.017	0.159	09/14/11	0 *	0.084	1.66	0	4.37	0	0.010	L
Ammonia nitrogen, in milligrams per liter	2019	1	0	0.039	NC	0.039	03/07/19	NC	NC	2.80	0	6.77	0	0.010	NC
Ammonia, unfiltered, in milligrams per liter	2016-2017	11	7	0 *	0 *	0.056	09/02/16	0 *	0.034	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018-2019	11	5	0 *	0.021	0.112	07/11/18	0 *	0.070	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	2003-2013	31	2	0 *	0.345	0.947	10/13/10	0.089	0.669	--	--	100	0	0.040	--
Nitrite plus nitrate, in milligrams per liter	2019	1	0	0.679	NC	0.679	03/07/19	NC	NC	--	--	100	0	0.040	--
Nitrate, in milligrams per liter	2019	1	0	0.673	NC	0.673	03/07/19	NC	NC	--	--	100	0	--	--
Nitrite nitrogen, in milligrams per liter	2019	1	0	0.006	NC	0.006	03/07/19	NC	NC	--	--	0.50	0	0.0010	--
Orthophosphate, in milligrams per liter	2003-2013	31	7	0 *	0.022	0.212	07/26/10	0 *	0.108	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter	2019	1	0	0.017	NC	0.017	03/07/19	NC	NC	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter	2003-2017	54	5	0 *	0.036	4.89	09/15/11	0.010	0.180	0.17	8	--	--	0.0040	L
Phosphorus, unfiltered, in milligrams per liter	2018-2019	11	0	0.008	0.018	0.076	05/15/18	0.009	0.041	0.17	0	--	--	0.0040	L
Total nitrogen, unfiltered, in milligrams per liter	2011-2017	29	0	0.545	1.06	4.45	09/15/11	0.813	1.40	--	--	--	--	0.050	--
Total nitrogen, unfiltered, in milligrams per liter	2018-2019	11	0	0.907	1.14	1.58	01/18/18	0.923	1.49	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2008-2013	15	0	20	220	26,000	07/07/10	--	392 **	630	4	--	--	1	L
<i>Escherichia coli</i> , in colonies per 100 milliliters	2003-2008	16	0	58	245	1,600	07/16/07	--	305 **	630	6	--	--	1	L
Fecal coliform, M-FC MF, in colonies per 100 milliliters	2003-2008	16	0	58	350	1,800	07/16/07	146	1,545	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2008-2013	15	0	790	2,400	240,000	07/07/10	1,420	208,000	--	--	--	--	--	--
Aluminum, in micrograms per liter	2019	1	0	6.0	NC	6.0	03/07/19	NC	NC	1,438	0	10,071	0	--	NC
Barium, in micrograms per liter	2019	1	0	29.0	NC	29.0	03/07/19	NC	NC	1,000	0	.	--	--	NC
Beryllium, in micrograms per liter	2019	1	0	0.0040	NC	0.0040	03/07/19	NC	NC	4.00	0	--	--	--	NC
Cadmium, in micrograms per liter	2019	1	1	0 *	NC	0 *	03/07/19	NC	NC	2.0	0	10.0	0	--	NC
Chromium, in micrograms per liter	2019	1	1	0 *	NC	0 *	03/07/19	NC	NC	231	0	1,773	0	--	NC
Cobalt, in micrograms per liter	2019	1	0	0.99	NC	0.99	03/07/19	NC	NC	--	--	.	--	--	--
Copper, in micrograms per liter	2004	1	0	3.2	NC	3.2	10/15/03	NC	NC	29.3	0	49.6	0	0.80	NC
Copper, in micrograms per liter	2019	1	0	0.12	NC	0.12	03/07/19	NC	NC	29.3	0	49.6	0	--	NC
Copper, unfiltered, in micrograms per liter	2004	1	0	12.7	NC	12.7	10/15/03	NC	NC	--	--	.	--	1.2	--
Iron, in micrograms per liter	2019	1	1	0 *	NC	0 *	03/07/19	NC	NC	--	--	.	--	10.0	--
Lead, in micrograms per liter	2019	1	0	0.040	NC	0.040	03/07/19	NC	NC	10.9	0	281	0	--	NC
Lead, unfiltered, in micrograms per liter	2004	1	0	0.12	NC	0.12	10/15/03	NC	NC	--	--	.	--	0.12	--
Lithium, in micrograms per liter	2019	1	0	150	NC	150	03/07/19	NC	NC	--	--	--	--	--	--
Manganese, in micrograms per liter	2004	1	0	237	NC	237	10/15/03	NC	NC	--	--	.	--	0.40	--
Manganese, in micrograms per liter	2019	1	0	531	NC	531	03/07/19	NC	NC	--	--	.	--	0.20	--
Manganese, unfiltered, in micrograms per liter	2004	1	0	258	NC	258	10/15/03	NC	NC	--	--	.	--	1.2	--
Molybdenum, in micrograms per liter	2019	1	0	1.60	NC	1.60	03/07/19	NC	NC	210	0	--	--	--	NC

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Nickel, in micrograms per liter	2019	1	0	2.4	NC	2.4	03/07/19	NC	NC	168	0	1,513	0	--	NC
Nickel, unfiltered, in micrograms per liter	2004	1	0	9.4	NC	9.4	10/15/03	NC	NC	--	--	.	--	0.32	--
Strontium, in micrograms per liter	2019	1	0	1,493	NC	1,493	03/07/19	NC	NC	--	--	--	--	--	--
Vanadium, in micrograms per liter	2019	1	0	0.700	NC	0.700	03/07/19	NC	NC	--	--	--	--	--	--
Zinc, in micrograms per liter	2004	1	0	3.1	NC	3.1	10/15/03	NC	NC	428	0	564	0	1.2	NC
Zinc, in micrograms per liter	2019	1	0	2.7	NC	2.7	03/07/19	NC	NC	428	0	564	0	--	NC
Zinc, unfiltered, in micrograms per liter	2004	1	0	7.1	NC	7.1	10/15/03	NC	NC	--	--	.	--	4.0	--
Antimony, in micrograms per liter	2019	1	0	0.180	NC	0.180	03/07/19	NC	NC	5.60	0	--	--	--	NC
Arsenic, in micrograms per liter	2019	1	0	0.81	NC	0.81	03/07/19	NC	NC	--	--	340	0	--	--
Arsenic, unfiltered in micrograms per liter	2004	1	1	0 *	NC	0 *	10/15/03	NC	NC	7.6	0	.	--	1.9	NC
Boron, in micrograms per liter	2004	1	0	284	NC	284	10/15/03	NC	NC	0.75	1	.	--	16.0	NC
Boron, in micrograms per liter	2019	1	0	266	NC	266	03/07/19	NC	NC	0.75	1	.	--	--	NC
Boron, unfiltered, in micrograms per liter	2004	1	0	311	NC	311	10/15/03	NC	NC	0.75	1	.	--	16.0	NC
Selenium, in micrograms per liter	2004-2013	3	0	1.8	NC	3.2	10/15/03	NC	NC	4.6	0	18.4	0	0.030	NC
Selenium, in micrograms per liter	2019	1	0	2.0	NC	2.0	03/07/19	NC	NC	4.6	0	18.4	0	0.050	NC
Selenium, unfiltered, in micrograms per liter	2004-2013	3	0	1.6	NC	2.9	10/15/03	NC	NC	--	--	.	--	0.050	--
Organic carbon, in milligrams per liter	2019	1	1	0 *	NC	0 *	03/07/19	NC	NC	--	--	.	--	0.23	--
Uranium (natural), in micrograms per liter	2019	1	0	18.1	NC	18.1	03/07/19	NC	NC	30.0	0	.	--	0.030	NC
Suspended sediment, in milligrams per liter	2003-2013	31	0	6	35	8,330	09/15/11	7	163	--	--	--	--	1.0	--