

Table 34. Summary of measured constituents and properties for Little Fountain Creek near Fountain, Co., station 07105940

[--, 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	2013-2017	59	0	0.15	2.1	278	09/12/13	0.65	35.0	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	12	0	0.010	0.33	4.5	11/03/17	0.010	2.6	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2014-2017	6	0	7.7	8.4	9.6	05/06/15	7.7	9.6	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018	2	0	6.1	NC	7.1	07/27/18	NC	NC	5.0	0	--	--	--	NC
pH, in standard units	2014-2017	6	0	8.0	8.1	8.2	08/18/14	8.0	8.2	6.5-9.0	0		--	--	L
pH, in standard units	2018	2	0	7.7	NC	8.1	06/06/18	NC	NC	6.5-9.0	0		--	--	NC
pH, laboratory, in standard units	2018	1	0	7.9	NC	7.9	07/27/18	NC	NC	6.5-9.0	0		--	0.10	NC
Specific conductance, laboratory, in microsiemens per centimeter	2013-2017	251	0	328	1,090	4,240	05/25/14	577	2,552	--	--	.	--	1.0	--
Specific conductance, laboratory, in microsiemens per centimeter	2018-2019	20	0	352	2,690	3,830	03/28/19	1,244	3,296	--	--	.	--	1.0	--
Specific conductance, in microsiemens per centimeter	2014-2017	6	0	239	1,050	2,826	10/31/13	253	2,763	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	5	0	2,222	NC	3,680	06/04/19	NC	NC	--	--	.	--	--	--
Temperature, water, degrees Celsius	2014-2017	6	0	7.0	13.1	19.8	08/18/14	7.1	19.7	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	12	0	4.7	18.8	27.5	06/05/18	7.2	27.5	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	2014-2017	6	0	7.0	13.1	19.8	08/18/14	7.1	19.7	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	12	0	4.7	18.8	27.5	06/05/18	7.2	27.5	28.6	0	--	--	--	L
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2014-2017	3	0	29.7	NC	401	08/09/16	NC	NC	--	--	.	--	--	--
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2018	1	0	1,116	NC	1,116	07/27/18	NC	NC	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2014-2017	6	0	161	756	2,386	10/31/13	170	2,327	--	--	.	--	20.0	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2018	2	0	2,134	NC	2,780	06/06/18	NC	NC	--	--	.	--	20.0	--
Hardness, in milligrams per liter	2014-2017	6	0	97.4	395	1,153	10/31/13	103	1,128	--	--	.	--	--	--
Hardness, in milligrams per liter	2018	2	0	1,283	NC	1,367	07/27/18	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	2014-2017	6	0	30.5	101	273	10/31/13	31.9	268	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018	2	0	295	NC	474	07/27/18	NC	NC	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2014-2017	6	0	5.2	35.7	115	10/31/13	5.6	112	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018	2	0	44.4	NC	133	06/06/18	NC	NC	--	--	.	--	0.011	--
Potassium, in milligrams per liter	2014-2017	6	0	2.1	3.1	6.3	08/10/17	2.1	6.2	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018	2	0	5.4	NC	8.5	07/27/18	NC	NC	--	--	.	--	0.30	--
Sodium, in milligrams per liter	2014-2017	6	0	8.4	85.7	302	10/31/13	9.5	294	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018	2	0	64.8	NC	347	06/06/18	NC	NC	--	--	.	--	0.40	--
Chloride, in milligrams per liter	2014-2017	6	0	2.7	11.7	25.2	10/31/13	2.9	24.8	250	0	.	--	0.020	L
Chloride, in milligrams per liter	2018	2	0	7.9	NC	31.6	06/06/18	NC	NC	250	0	.	--	0.020	NC
Fluoride, in milligrams per liter	2014-2017	6	0	1.6	2.1	2.8	09/27/17	1.6	2.8	--	--	.	--	0.010	--
Fluoride, in milligrams per liter	2018	2	0	0.83	NC	2.8	06/06/18	NC	NC	--	--	.	--	0.010	--
Silica, in milligrams per liter	2014-2017	6	0	8.8	11.9	12.8	08/09/16	9.0	12.8	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018	2	0	6.1	NC	11.5	06/06/18	NC	NC	--	--	.	--	0.050	--

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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
Sulfate, in milligrams per liter	2014-2017	6	0	55.9	389	1,329	10/31/13	61.2	1,297	250	3	.	--	0.020	H
Sulfate, in milligrams per liter	2018	2	0	1,308	NC	1,648	06/06/18	NC	NC	250	2	.	--	0.020	NC
Ammonia nitrogen, in milligrams per liter	2014-2017	6	2	0 *	0.016	0.032	10/31/13	0 *	0.031	1.91	0	4.62	0	0.010	L
Ammonia nitrogen, in milligrams per liter	2018	2	0	0.037	NC	0.080	07/27/18	NC	NC	1.58	0	7.28	0	0.010	NC
Ammonia, unfiltered, in milligrams per liter	2014-2017	6	1	0 *	0.031	0.064	05/06/15	0.001	0.063	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018	2	0	0.029	NC	0.216	07/27/18	NC	NC	--	--	--	--	0.020	--
Nitrite plus nitrate, in milligrams per liter	2014-2017	6	0	0.147	0.230	0.314	10/31/13	0.147	0.313	--	--	10.0	0	0.040	--
Nitrite plus nitrate, in milligrams per liter	2018	2	1	0 *	NC	1.47	07/27/18	NC	NC	--	--	10.0	0	0.040	--
Orthophosphate, in milligrams per liter	2014-2017	6	4	0 *	0 *	0.020	08/10/17	0 *	0.019	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter	2018	2	1	0 *	NC	0.005	06/06/18	NC	NC	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter	2014-2017	6	5	0 *	0 *	0.024	08/10/17	0 *	0.023	--	--	--	--	0.020	--
Phosphorus, in milligrams per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	--	--	--	--	0.020	--
Phosphorus, unfiltered, in milligrams per liter	2014-2017	6	0	0.009	0.313	3.47	05/06/15	0.011	3.36	0.17	3	--	--	0.0040	H
Phosphorus, unfiltered, in milligrams per liter	2018	2	0	0.018	NC	4.90	07/27/18	NC	NC	0.17	1	--	--	0.0040	NC
Total nitrogen, unfiltered, in milligrams per liter	2014-2017	6	0	0.384	0.859	1.99	08/10/17	0.388	1.96	--	--	--	--	0.050	--
Total nitrogen, unfiltered, in milligrams per liter	2018	2	0	0.312	NC	4.22	07/27/18	NC	NC	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2014-2017	6	0	29	310	2,400	08/10/17	--	331 **	126	5	--	--	1	H
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2018	2	0	160	NC	11,000	07/27/18	--	NC**	126	2	--	--	1	NC
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2014-2017	6	0	1,400	5,550	24,000	08/18/14	1,450	24,000	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2018	2	0	2,400	NC	24,000	07/27/18	NC	NC	--	--	--	--	--	--
Aluminum, in micrograms per liter	2014-2017	6	2	0 *	53.5	319	08/10/17	0 *	308	1,438	0	10,071	0	3.0	L
Aluminum, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	1,438	0	10,071	0	3.0	NC
Barium, in micrograms per liter	2014-2017	6	0	18.5	46.0	106	10/31/13	18.9	103	1,000	0	.	--	0.10	L
Barium, in micrograms per liter	2018	2	0	31.8	NC	136	07/27/18	NC	NC	1,000	0	.	--	0.10	NC
Beryllium, in micrograms per liter	2014-2017	6	3	0 *	0.010	0.051	05/06/15	0 *	0.049	4.00	0	--	--	0.010	L
Beryllium, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	4.00	0	--	--	0.010	NC
Cadmium, in micrograms per liter	2014-2017	6	1	0 *	0.063	0.13	10/31/13	0.002	0.13	2.0	0	10.0	0	0.030	L
Cadmium, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	2.0	0	10.0	0	0.030	NC
Chromium, in micrograms per liter	2014-2017	6	5	0 *	0 *	0.58	08/10/17	0 *	0.55	231	0	.	--	0.50	L
Chromium, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	231	0	.	--	0.50	NC
Cobalt, in micrograms per liter	2014-2017	6	0	0.28	0.60	2.7	10/31/13	0.28	2.6	--	--	.	--	0.030	--
Cobalt, in micrograms per liter	2018	2	0	0.52	NC	1.5	07/27/18	NC	NC	--	--	.	--	0.030	--
Copper, in micrograms per liter	2014-2017	6	2	0 *	1.3	3.4	08/10/17	0 *	3.3	29.3	0	49.6	0	0.20	L
Copper, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	29.3	0	49.6	0	0.40	NC
Iron, in micrograms per liter	2014-2017	6	3	0 *	50.6	421	08/10/17	0 *	407	300	1	.	--	10.0	H

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Iron, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	300	0	.	--	10.0	NC
Lead, in micrograms per liter	2014-2017	6	3	0 *	0.055	0.42	08/10/17	0 *	0.41	10.9	0	281	0	0.020	L
Lead, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	10.9	0	281	0	0.020	NC
Manganese, in micrograms per liter	2014-2017	6	0	12.3	66.9	777	10/31/13	12.6	744	50.0	3	.	--	0.40	H
Manganese, in micrograms per liter	2018	2	0	64.6	NC	135	06/06/18	NC	NC	50.0	2	.	--	0.40	NC
Molybdenum, in micrograms per liter	2014-2017	6	0	3.40	7.24	23.8	10/31/13	3.46	23.1	210	0	--	--	0.050	L
Molybdenum, in micrograms per liter	2018	2	0	12.0	NC	16.0	07/27/18	NC	NC	210	0	--	--	0.050	NC
Nickel, in micrograms per liter	2014-2017	6	0	1.3	2.6	12.7	10/31/13	1.3	12.3	168	0	1,513	0	0.20	L
Nickel, in micrograms per liter	2018	2	0	3.4	NC	10.0	07/27/18	NC	NC	168	0	1,513	0	0.20	NC
Silver, in micrograms per liter	2014-2017	6	6	0 *	0 *	0 *	10/31/13	0 *	0 *	3.5	0	22.0	0	1.0	L
Silver, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	3.5	0	22.0	0	1.0	NC
Zinc, in micrograms per liter	2014-2017	6	5	0 *	0 *	2.8	08/10/17	0 *	2.7	428	0	564	0	2.0	L
Zinc, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	428	0	564	0	2.0	NC
Antimony, in micrograms per liter	2014-2017	6	0	0.221	0.258	0.477	10/31/13	0.222	0.473	5.60	0	--	--	0.030	L
Antimony, in micrograms per liter	2018	2	1	0 *	NC	0.555	07/27/18	NC	NC	5.60	0	--	--	0.060	NC
Arsenic, in micrograms per liter	2014-2017	6	0	0.52	0.66	1.4	08/10/17	0.53	1.4	--	--	340	0	0.050	--
Arsenic, in micrograms per liter	2018	2	2	0 *	NC	0 *	06/06/18	NC	NC	--	--	340	0	0.10	--
Selenium, in micrograms per liter	2014-2017	6	0	2.8	6.6	38.6	10/31/13	2.8	37.2	4.6	4	18.4	1	0.050	H
Selenium, in micrograms per liter	2018	2	0	2.4	NC	34.5	07/27/18	NC	NC	4.6	1	18.4	1	0.050	NC
Uranium (natural), in micrograms per liter	2014-2017	6	0	2.4	6.1	32.4	10/31/13	2.4	31.2	30.0	1	.	--	0.010	H
Uranium (natural), in micrograms per liter	2018	2	0	5.9	NC	12.2	06/06/18	NC	NC	30.0	0	.	--	0.030	NC
Suspended sediment, in milligrams per liter	2013-2017	208	2	0 *	145	47,600	07/14/17	48	1,450	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	20	0	2	41	52,700	08/17/18	5	15,080	--	--	--	--	1.0	--