

Table 41. Summary of measured constituents and properties for Fountain Creek at East River St. at Pueblo, Co., station 381601104355801

[--, 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	127	0	6.5	116	2,900	07/10/15	57.3	220	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	48	0	29.9	136	207	03/18/19	69.0	162	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2011-2017	81	0	6.3	8.6	12.4	01/11/16	7.0	10.6	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	24	0	6.7	8.9	11.7	12/04/18	7.0	11.3	5.0	0	--	--	--	L
pH, in standard units	2011-2017	82	0	8.0	8.4	8.6	03/30/11	8.2	8.5	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	24	0	8.2	8.4	8.5	04/06/18	8.2	8.5	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	2011-2017	126	0	589	1,150	2,148	07/23/12	1,039	1,321	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	48	0	995	1,132	1,390	09/05/19	1,086	1,271	--	--	.	--	--	--
Temperature, water, degrees Celsius	2011-2017	127	0	0.0	15.7	31.6	07/11/13	5.7	24.7	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	48	0	0.0	15.5	30.8	07/16/19	4.5	24.7	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	2011-2017	96	0	5.1	17.6	31.6	07/11/13	10.0	25.8	28.6	3	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	36	0	3.9	18.8	30.8	07/16/19	9.7	26.2	28.6	2	--	--	--	L
Temperature, water, degrees Celsius December-February	2011-2017	31	0	0.0	5.1	10.0	12/05/14	1.6	8.2	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	12	0	0.0	5.0	10.1	02/26/18	0.3	8.5	14.3	0	--	--	--	L
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2011-2017	82	0	1.7	72.7	993	07/10/15	36.0	189	--	--	.	--	--	--
Turbidity, water, unfiltered, monochrome near infra-red in nephelometric turbidity units	2018-2019	24	0	7.7	53.2	142	06/05/19	27.3	96.9	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2011-2014	36	0	733	855	1,716	07/23/12	776	1,102	--	--	.	--	20.0	--
Ammonia, unfiltered, in milligrams per liter	2011-2017	81	49	0 *	0 *	0.190	01/06/15	0 *	0.041	--	--	--	--	0.020	--
Ammonia, unfiltered, in milligrams per liter	2018-2019	24	19	0 *	0 *	0.168	12/04/17	0 *	0.044	--	--	--	--	0.020	--
Total nitrogen, unfiltered, in milligrams per liter	2011-2012	2	0	0.174	NC	3.28	10/28/11	NC	NC	--	--	--	--	0.050	--
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2011-2017	124	2	1	65	29,000	07/10/15	--	63 **	126	47	--	--	1	L
<i>Escherichia coli</i> , Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	48	1	1	37	870	09/18/19	--	40 **	126	10	--	--	1	L
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2011-2017	124	0	210	2,400	240,000	07/10/15	550	17,000	--	--	--	--	--	--
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2018-2019	48	0	490	2,400	24,000	08/24/18	838	9,590	--	--	--	--	--	--
Selenium, in micrograms per liter	2011-2017	81	0	3.4	9.5	58.2	07/23/12	6.7	16.9	28.1	3	18.4	9	0.050	M
Selenium, in micrograms per liter	2018-2019	24	0	6.5	8.4	16.3	05/10/18	7.8	14.1	28.1	0	18.4	0	0.050	M