

Table 3. Summary of measured constituents and properties for Coal Creek above McCormick Ditch at Crested Butte, station 09111250

[--, 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	2018-2019	7	0	1.3	5.7	182	06/05/19	1.7	154	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2018-2019	7	0	7.6	9.7	10.4	02/25/19	7.6	10.3	6.0	0	--	--	--	L
pH, in standard units	2018-2019	7	0	7.3	7.9	8.4	08/14/18	7.3	8.4	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	2018-2019	7	0	65.0	211	404	08/14/18	86.0	375	--	--	.	--	--	--
Temperature, degrees Celsius	2018-2019	7	0	0.0	2.8	13.9	08/14/18	0.3	13.7	--	--	--	--	--	--
Temperature, degrees Celsius June-September	2018-2019	4	0	2.5	NC	13.9	08/14/18	NC	NC	21.7	0	--	--	--	NC
Temperature, degrees Celsius October-May	2019	3	0	0.0	NC	2.8	10/22/18	NC	NC	13.0	0	--	--	--	NC
Turbidity, in nephelometric turbidity ratio-units	2019	4	1	0 *	NC	6.6	04/23/19	NC	NC	--	--	--	--	2.0	--
Hardness, in milligrams per liter	2018-2019	7	0	24.3	79.0	153	08/14/18	32.5	143	--	--	.	--	--	--
Calcium, in milligrams per liter	2018-2019	7	0	7.7	26.3	50.8	08/14/18	10.5	48.0	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2018-2019	7	0	1.2	3.0	6.3	08/14/18	1.5	5.7	--	--	.	--	0.010	--
Ammonia plus organic nitrogen in milligrams per liter as N	2018-2019	7	2	0 *	0.106	0.202	02/25/19	0 *	0.201	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2018-2019	7	7	0 *	0 *	0 *	08/14/18	0 *	0 *	2.97	0	8.36	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2018-2019	7	0	0.012	0.038	0.180	04/23/19	0.013	0.157	--	--	10.0	0	0.010	--
Nitrite, in milligrams per liter as N	2018-2019	7	7	0 *	0 *	0 *	08/14/18	0 *	0 *	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	2018-2019	7	6	0 *	0 *	0.004	10/22/18	0 *	0.003	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2018-2019	7	4	0 *	0 *	0.020	06/05/19	0 *	0.019	0.11	0	--	--	0.0040	L
<i>Escherichia coli</i> , in colonies per 100 milliliters	2018-2019	6	2	1	3	41	08/14/18	--	4 **	126	0	--	--	1	L
Biomass periphyton, ashfree drymass, in grams per square meter	2019	2	0	1.20	NC	10.2	10/22/18	NC	NC	--	--	--	--	0.70	--
Periphyton, biomass, ash weight, in grams per square meter	2019	2	0	41.7	NC	208	10/22/18	NC	NC	--	--	--	--	0.70	--
Periphyton, biomass, dry weight, in grams per square meter	2019	2	0	43.0	NC	218	10/22/18	NC	NC	--	--	--	--	0.70	--
Chlorophyll a, periphyton, chromofluoro, in milligrams per square meter	2019	2	0	1.23	NC	15.4	10/22/18	NC	NC	150	0	--	--	0.10	NC
Pheophytin a, periphyton, in milligrams per square meter	2019	2	0	0.297	NC	2.39	10/22/18	NC	NC	--	--	--	--	0.10	--
Aluminum, in micrograms per liter	2018-2019	7	0	15.1	25.8	297	06/05/19	16.5	280	--	--	.	--	3.0	--
Aluminum (total), in micrograms per liter	2018-2019	7	0	22.7	43.5	634	04/23/19	25.9	590	390	2	2,729	0	3.0	L
Cadmium, in micrograms per liter	2018-2019	7	0	0.26	0.34	3.5	04/23/19	0.27	3.1	0.63	2	1.5	1	0.030	H
Copper, in micrograms per liter	2018-2019	7	0	0.57	1.1	7.2	04/23/19	0.66	6.4	7.8	0	11.5	0	0.40	M
Iron, in micrograms per liter	2018-2019	7	2	0 *	15.5	87.7	06/05/19	0 *	79.6	300	0	.	--	10.0	L
Lead, in micrograms per liter	2018-2019	7	3	0 *	0.025	0.37	06/05/19	0 *	0.36	2.1	0	53.9	0	0.020	L
Manganese, in micrograms per liter	2018-2019	7	0	1.7	11.7	216	04/23/19	2.0	181	1,561	0	2,826	0	0.40	L
Silver, in micrograms per liter	2018-2019	7	7	0 *	0 *	0 *	08/14/18	0 *	0 *	0.057	0	1.5	0	1.0	L
Zinc, in micrograms per liter	2018-2019	7	0	47.6	80.8	642	04/23/19	53.5	563	104	2	138	2	2.0	H
Arsenic (total), in micrograms per liter	2018-2019	5	0	1.1	NC	2.3	06/05/19	NC	NC	0.020	5	.	--	0.10	NC
Organic carbon, in milligrams per liter	2019	4	0	1.2	NC	4.1	06/05/19	NC	NC	--	--	.	--	0.23	--
Suspended sediment, in milligrams per liter	2019	4	2	0 *	NC	12	06/05/19	NC	NC	--	--	--	--	1.0	--