

Table 13. Summary of measured constituents and properties for Cummings Gulch at mouth, station 384448108070301

[--, 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; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, 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	1995-2017	28	0	2.0	12.7	72.9	09/23/15	3.0	57.1	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	2.5	28.5	74.6	09/20/18	2.9	68.3	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1998-2017	23	0	5.9	8.6	12.0	12/09/15	7.4	11.1	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	8	0	7.7	9.1	11.7	12/06/18	7.8	11.4	5.0	0	--	--	--	L
pH, in standard units	1995-2017	31	0	7.6	8.2	8.4	02/15/95	8.0	8.3	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	8	0	8.0	8.3	8.4	04/18/18	8.0	8.4	6.5-9.0	0	--	--	--	L
pH, laboratory, in standard units	1995-2016	6	0	7.7	7.8	8.2	11/19/15	7.7	8.2	6.5-9.0	0	--	--	0.10	L
Specific conductance, laboratory, in microsiemens per centimeter	1995-1998	5	0	1,108	NC	2,660	03/08/95	NC	NC	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	1995-2017	31	0	1,115	1,534	2,690	03/08/95	1,219	2,470	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	764	1,308	2,295	03/12/19	833	2,286	--	--	.	--	--	--
Temperature, water, degrees Celsius	1995-2017	31	0	2.0	11.3	21.7	08/24/15	4.5	20.3	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	5.6	11.8	18.9	07/25/19	6.3	18.4	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1995-2017	24	0	2.3	14.6	21.7	08/24/15	6.6	20.7	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	6	0	8.3	13.3	18.9	07/25/19	8.4	18.8	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	1995-2017	7	0	2.0	5.5	7.6	02/19/15	2.2	7.4	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	2	0	5.6	NC	7.5	02/07/18	NC	NC	14.3	0	--	--	--	NC
Turbidity, in nephelometric turbidity ratio-units	2013-2017	18	4	0 *	65.2	425.0	07/17/13	0 *	301.5	--	--	--	--	2.0	--
Turbidity, in nephelometric turbidity ratio-units	2018-2019	8	2	0 *	37.8	252.0	04/17/19	0 *	241.9	--	--	--	--	2.0	--
Residue, in milligrams per liter	1998	1	0	878	NC	878	05/14/98	NC	NC	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	1998	1	0	878	NC	878	05/14/98	NC	NC	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	1995-2017	24	0	814	1,433	2,270	03/08/95	922	2,117	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	8	0	544	1,001	1,900	03/12/19	601	1,887	--	--	.	--	--	--
Hardness, in milligrams per liter	1995-2017	24	0	536	977	1,440	03/08/95	644	1,392	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	374	701	1,253	03/12/19	407	1,251	--	--	.	--	--	--
Calcium, in milligrams per liter	1995-2017	24	0	166	308	430	12/13/94	201	423	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	105	221	391	12/06/18	116	386	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1995-2017	24	0	29.4	50.7	89.0	03/08/95	34.2	79.3	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	27.2	36.7	75.9	03/12/19	28.6	73.3	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1995-2017	24	0	2.0	2.5	4.2	03/08/95	2.1	3.1	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018-2019	8	0	2.2	2.6	3.4	02/07/18	2.2	3.4	--	--	.	--	0.30	--
Sodium, in milligrams per liter	1995-2017	24	0	34.5	69.4	130	03/08/95	43.9	118	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018-2019	8	0	35.1	44.4	105	02/07/18	35.8	104	--	--	.	--	0.40	--
Acid neutralizing capacity, in milligrams per liter	1995-1998	5	0	148	NC	195	03/08/95	NC	NC	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2015	1	0	216	NC	216	10/29/14	NC	NC	--	--	.	--	4.6	--
Alkalinity, in milligrams per liter	2019	1	0	139	NC	139	04/17/19	NC	NC	--	--	.	--	4.0	--
Alkalinity, inflection-point titration, in milligrams per liter	1998-2017	20	0	140	219	244	11/19/15	182	235	--	--	.	--	--	--

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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
Alkalinity, inflection-point titration, in milligrams per liter	2018-2019	8	0	145	205	257	12/06/18	154	244	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	1998-2017	20	0	171	263	291	11/19/15	217	280	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2018-2019	8	0	172	238	307	12/06/18	183	291	--	--	.	--	--	--
Carbonate, in milligrams per liter	2013-2017	19	0	1.0	2.4	3.6	12/09/15	2.1	3.5	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	8	0	2.0	2.6	6.0	03/12/19	2.0	5.2	--	--	.	--	--	--
Chloride, in milligrams per liter	1995-2017	24	0	6.9	11.5	26.0	03/08/95	7.1	20.9	250	0	.	--	0.020	L
Chloride, in milligrams per liter	2018-2019	8	0	6.3	7.7	21.6	03/12/19	6.4	20.3	250	0	.	--	0.020	L
Fluoride in milligrams per liter	1995-2017	24	0	0.86	1.3	1.6	12/13/94	0.97	1.6	2.0	0	.	--	0.010	M
Fluoride in milligrams per liter	2018-2019	8	0	0.51	1.1	1.5	12/06/18	0.58	1.5	2.0	0	.	--	0.010	M
Silica, in milligrams per liter	1995-2017	24	0	15.0	21.9	29.0	11/15/16	16.7	25.3	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018-2019	8	0	13.3	21.1	25.3	12/06/18	14.6	24.8	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	1995-2017	24	0	436	794	1,400	03/08/95	476	1,300	250	24	.	--	0.020	H
Sulfate, in milligrams per liter	2018-2019	8	0	259	519	1,132	03/12/19	293	1,114	250	8	.	--	0.020	H
Ammonia plus organic nitrogen, in milligrams per liter as N	1998	1	0	0.515	NC	0.515	05/14/98	NC	NC	--	--	--	--	--	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	1998-2017	19	0	0.444	0.845	2.19	07/17/13	0.513	1.59	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2018-2019	8	0	0.500	0.716	1.59	07/25/19	0.514	1.52	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	1998-2017	20	8	0 *	0.013	0.091	06/15/16	0 *	0.039	1.72	0	4.12	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	8	3	0 *	0.015	0.050	03/12/19	0 *	0.042	1.60	0	3.63	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	1995-2017	24	0	4.24	8.66	13.0	01/17/95	5.14	12.6	--	--	10.0	11	0.040	--
Nitrite plus nitrate in milligrams per liter as N	2018-2019	8	0	1.82	5.37	10.1	02/07/18	2.24	9.83	--	--	10.0	1	0.040	--
Nitrite, in milligrams per liter as N	1995-2017	21	0	0.006	0.022	0.067	01/12/17	0.010	0.055	--	--	0.50	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	8	0	0.007	0.018	0.045	03/12/19	0.009	0.043	--	--	0.50	0	0.0010	--
Orthophosphate, in milligrams per liter as P	1998-2017	20	0	0.006	0.033	0.070	05/14/98	0.010	0.049	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	8	0	0.007	0.028	0.061	07/25/19	0.007	0.061	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1998	1	0	0.065	NC	0.065	05/14/98	NC	NC	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter as P	1998-2017	19	0	0.011	0.207	0.893	07/17/13	0.017	0.793	0.17	11	--	--	0.0040	H
Phosphorus (total), in milligrams per liter as P	2018-2019	8	0	0.008	0.133	0.757	07/25/19	0.009	0.703	0.17	3	--	--	0.0040	M
Iron, in micrograms per liter	1998	1	1	0 *	NC	0 *	05/14/98	NC	NC	300	0	.	--	--	NC
Manganese, in micrograms per liter	1998	1	0	16.8	NC	16.8	05/14/98	NC	NC	2,618	0	4,738	0	--	NC
Selenium, in micrograms per liter	1995-2017	30	0	3.0	5.5	14.0	01/17/95	4.3	11.1	4.6	24	18.4	0	0.050	H
Selenium, in micrograms per liter	2018-2019	8	0	3.0	4.2	10.8	03/12/19	3.2	10.1	4.6	3	18.4	0	0.050	H
Selenium (total), in micrograms per liter	2015	1	0	10.6	NC	10.6	02/19/15	NC	NC	--	--	.	--	0.10	--
Organic carbon, in milligrams per liter	1998-2016	2	0	4.2	NC	5.2	05/14/98	NC	NC	--	--	.	--	0.23	--
Suspended sediment, in milligrams per liter	1998-2017	19	0	3	198	751	07/17/13	3	673	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	0	2	115	614	07/25/19	2	597	--	--	--	--	1.0	--