

Table 14. Summary of measured constituents and properties for Gunnison River at G50 Road near Delta, CO, station 384452108071101  
 [--, 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	2015-2017	13	0	939	1,640	5,655	05/16/17	1,162	3,251	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	670	1,165	3,017	07/24/19	681	2,703	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2015-2017	16	0	5.5	10.4	13.9	12/10/15	8.6	12.7	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	8	0	8.9	10.4	13.3	12/11/18	9.1	12.8	5.0	0	--	--	--	L
pH, in standard units	2015-2017	16	0	8.1	8.3	8.7	12/10/15	8.1	8.5	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	8	0	8.2	8.4	8.7	12/11/18	8.2	8.6	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	2015-2017	16	0	339	743	944	01/12/17	495	847	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	442	752	1,085	03/13/19	484	1,043	--	--	.	--	--	--
Temperature, water, degrees Celsius	2015-2017	16	0	2.1	9.8	20.2	08/24/15	3.4	19.0	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	4.0	9.7	18.4	09/18/18	4.6	17.7	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	2015-2017	12	0	5.7	13.3	20.2	08/24/15	7.2	19.1	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	6	0	5.8	10.9	18.4	09/18/18	6.0	18.3	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2015-2017	4	0	2.1	NC	3.7	12/10/15	NC	NC	14.3	0	--	--	--	NC
Temperature, water, degrees Celsius December-February	2018-2019	2	0	4.0	NC	6.3	02/06/18	NC	NC	14.3	0	--	--	--	NC
Turbidity, in nephelometric turbidity ratio-units	2015-2017	13	0	4.0	24.7	99.8	07/21/16	7.5	71.0	--	--	--	--	2.0	--
Turbidity, in nephelometric turbidity ratio-units	2018-2019	8	0	3.8	31.0	257.0	03/13/19	4.3	212.9	--	--	--	--	2.0	--
Dissolved solids, sum of constituents, in milligrams per liter	2015-2017	13	0	217	509	646	01/12/17	349	609	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	8	0	290	524	773	03/13/19	320	738	--	--	.	--	--	--
Hardness, in milligrams per liter	2015-2017	13	0	144	314	378	01/12/17	223	372	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	190	319	420	03/13/19	208	418	--	--	.	--	--	--
Calcium, in milligrams per liter	2015-2017	13	0	39.4	82.1	95.2	12/10/15	59.8	94.2	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	53.0	82.1	106	12/11/18	55.7	105	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2015-2017	13	0	11.1	27.4	37.1	01/12/17	17.9	32.6	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	14.1	28.1	42.2	03/13/19	16.7	40.0	--	--	.	--	0.011	--
Potassium, in milligrams per liter	2015-2017	13	0	1.7	3.0	3.6	01/12/17	2.3	3.2	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018-2019	8	0	1.9	3.2	4.4	03/13/19	2.2	4.2	--	--	.	--	0.30	--
Sodium, in milligrams per liter	2015-2017	13	0	14.4	42.0	65.2	01/12/17	26.3	51.3	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018-2019	8	0	19.5	46.9	82.4	03/13/19	24.3	74.2	--	--	.	--	0.40	--
Alkalinity, in milligrams per liter	2017	1	0	160	NC	160	01/12/17	NC	NC	--	--	.	--	4.0	--
Alkalinity, inflection-point titration, in milligrams per liter	2015-2017	12	0	82.5	139	160	12/10/15	95.5	148	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2018-2019	8	0	91.6	141	169	12/11/18	102	166	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2015-2017	13	0	99.5	167	188	12/10/15	117	175	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2018-2019	8	0	110	167	200	12/11/18	122	197	--	--	.	--	--	--
Carbonate, in milligrams per liter	2015-2017	13	0	0.50	1.4	3.4	12/10/15	0.91	2.9	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	8	0	0.90	1.8	4.2	09/18/18	0.97	4.0	--	--	.	--	--	--
Chloride, in milligrams per liter	2015-2017	13	0	2.4	6.2	9.1	01/12/17	3.9	7.4	250	0	.	--	0.020	L

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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
Chloride, in milligrams per liter	2018-2019	8	0	3.5	7.1	11.6	03/13/19	4.1	10.8	250	0	.	--	0.020	L
Fluoride in milligrams per liter	2015-2017	13	0	0.16	0.33	0.40	09/25/15	0.22	0.36	2.0	0	.	--	0.010	L
Fluoride in milligrams per liter	2018-2019	8	0	0.21	0.31	0.38	12/11/18	0.22	0.38	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	2015-2017	13	0	12.7	13.8	15.2	11/19/15	13.3	15.1	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018-2019	8	0	11.4	12.7	14.6	10/11/17	11.4	14.5	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	2015-2017	13	0	83.0	248	333	01/12/17	163	309	480	0	.	--	0.020	M
Sulfate, in milligrams per liter	2018-2019	8	0	127	256	422	03/13/19	141	393	480	0	.	--	0.020	M
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2015-2017	12	0	0.233	0.358	0.598	07/21/16	0.236	0.583	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2018-2019	8	0	0.149	0.381	1.32	03/13/19	0.175	1.08	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2015-2017	13	6	0 *	0.018	0.040	06/15/16	0 *	0.027	1.50	0	3.32	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	8	4	0 *	0.006	0.098	03/13/19	0 *	0.072	1.25	0	2.64	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2015-2017	13	0	0.237	0.569	0.907	01/12/17	0.330	0.776	--	--	10.0	0	0.010	--
Nitrite plus nitrate in milligrams per liter as N	2018-2019	8	0	0.270	0.541	0.932	12/11/18	0.278	0.930	--	--	10.0	0	0.010	--
Nitrite, in milligrams per liter as N	2015-2017	13	0	0.001	0.004	0.006	07/21/16	0.002	0.005	--	--	0.05	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	8	0	0.002	0.005	0.013	03/13/19	0.002	0.012	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	2015-2017	13	0	0.008	0.015	0.026	05/22/15	0.009	0.024	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	8	0	0.009	0.016	0.029	04/17/18	0.010	0.027	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2015-2017	13	0	0.025	0.073	0.275	07/21/16	0.029	0.237	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2018-2019	8	0	0.026	0.103	0.562	03/13/19	0.027	0.464	--	--	--	--	0.0040	--
Selenium, in micrograms per liter	2015-2017	16	0	1.2	3.2	7.2	01/12/17	1.9	4.2	4.6	1	18.4	0	0.050	M
Selenium, in micrograms per liter	2018-2019	8	0	1.5	4.2	7.1	03/13/19	2.0	6.5	4.6	3	18.4	0	0.050	H
Selenium (total), in micrograms per liter	2015	1	0	3.7	NC	3.7	12/11/14	NC	NC	--	--	.	--	0.10	--
Organic carbon, in milligrams per liter	2016	1	0	3.6	NC	3.6	11/19/15	NC	NC	--	--	.	--	0.23	--
Suspended sediment, in milligrams per liter	2015-2017	12	0	4	48	180	07/21/16	8	179	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	0	5	64	487	03/13/19	6	395	--	--	--	--	1.0	--