Table 18. Summary of measured constituents and properties for Gunnison River above Escalante Creek, near Delta, CO, station 384527108152701

[--, 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	1998-2012	6	0	1,070	1,770	7,284	05/20/98	1,071	7,077	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2013-2014	10	0	729	1,082	8,450	06/17/14	824	4,186	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1998-2012	4	0	7.4	NC	13.0	02/24/12	NC	NC	5.0	0	--	--	--	NC
Dissolved oxygen, in milligrams per liter	2013-2014	10	0	6.8	9.5	14.3	11/15/12	7.5	14.3	5.0	0	--	--	--	L
pH, in standard units	1998-2012	6	0	8.0	8.2	8.5	02/24/12	8.0	8.5	6.5-9.0	0		--	--	L
pH, in standard units	2013-2014	10	0	8.0	8.3	8.6	12/16/13	8.1	8.5	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1998	1	0	7.8	NC	7.8	05/20/98	NC	NC	6.5-9.0	0		--	--	NC
Specific conductance, laboratory, in microsiemens per centimeter	1998	1	0	334	NC	334	05/20/98	NC	NC	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	1998-2012	6	0	328	791	1,015	08/23/12	348	1,006	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2013-2014	10	0	349	1,012	1,197	10/26/12	517	1,197	--	--	.	--	--	--
Temperature, water, degrees Celsius	1998-2012	6	0	4.0	13.1	18.9	08/23/12	4.3	18.7	--	--	--	--	--	--
Temperature, water, degrees Celsius	2013-2014	10	0	0.2	9.7	21.1	07/17/13	1.6	19.4	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1998-2012	5	0	10.0	NC	18.9	08/23/12	NC	NC	28.6	0	--	--	--	NC
Temperature, water, degrees Celsius March-November	2013-2014	8	0	6.0	12.5	21.1	07/17/13	6.2	20.2	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2012	1	0	4.0	NC	4.0	02/24/12	NC	NC	14.3	0	--	--	--	NC
Temperature, water, degrees Celsius December-February	2013-2014	2	0	0.2	NC	2.4	02/15/13	NC	NC	14.3	0	--	--	--	NC
Turbidity, in nephlometric turbidity ratio-units	2013-2014	7	0	10.2	29.5	8676	07/17/13	11.8	6952	--	--	--	--	2.0	--
Residue, in milligrams per liter	1998	1	0	217	NC	217	05/20/98	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	1998-2012	4	0	35.5	NC	134	08/23/12	NC	NC	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2013-2014	10	0	41.3	118	148	11/15/12	59.4	146	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1998-2012	4	0	9.8	NC	34.9	08/23/12	NC	NC	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2013-2014	10	0	10.3	34.9	47.4	11/15/12	17.0	47.0	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1998-2012	4	0	1.6	NC	3.4	08/23/12	NC	NC	--	--	.	--	0.030	--
Potassium, in milligrams per liter	2013-2014	10	0	1.7	3.4	4.9	07/17/13	2.0	4.3	--	--	.	--	0.030	--
Sodium, in milligrams per liter	1998-2012	4	0	16.0	NC	57.2	08/23/12	NC	NC	--	--	.	--	0.060	--
Sodium, in milligrams per liter	2013-2014	10	0	13.1	63.3	79.6	11/15/12	26.3	78.7	--	--	.	--	0.060	--
Acid neutralizing capacity, in milligrams per liter	1998	1	0	83.1	NC	83.1	05/20/98	NC	NC	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	1998-2012	4	0	71.0	NC	169	08/23/12	NC	NC	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2013-2014	10	0	88.8	159	216	10/26/12	101	203	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	1998-2012	4	0	81.7	NC	201	08/23/12	NC	NC	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2013-2014	10	0	107	191	257	10/26/12	121	238	--	--	.	--	--	--
Carbonate, in milligrams per liter	1998-2012	4	0	1.4	NC	2.6	08/23/12	NC	NC	--	--	.	--	--	--
Carbonate, in milligrams per liter	2013-2014	10	0	0.60	1.9	5.8	11/15/12	1.1	4.1	--	--	.	--	--	--
Chloride, in milligrams per liter	1998-2012	4	0	2.1	NC	8.6	02/24/12	NC	NC	250	0	.	--	0.060	NC
Chloride, in milligrams per liter	2013-2014	10	0	2.4	9.2	10.9	02/15/13	4.4	10.5	250	0	.	--	0.020	L
Fluoride in milligrams per liter	1998-2012	4	0	0.15	NC	0.47	08/23/12	NC	NC	2.0	0	.	--	0.040	NC

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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
Fluoride in milligrams per liter	2013-2014	10	0	0.21	0.46	0.52	08/14/13	0.29	0.52	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	1998-2012	4	0	10.6	NC	12.1	02/24/12	NC	NC	--	--	.	--	0.018	--
Silica, in milligrams per liter	2013-2014	10	0	11.1	12.7	14.7	08/13/14	11.3	14.5	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	1998-2012	4	0	78.2	NC	377	08/23/12	NC	NC	480	0	.	--	0.090	NC
Sulfate, in milligrams per liter	2013-2014	10	0	82.3	382	478	11/15/12	157	476	480	0	.	--	0.020	M
Ammonia plus organic nitrogen, in milligrams per liter as N	1998	1	0	0.221	NC	0.221	05/20/98	NC	NC	--	--	--	--	--	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	1998-2012	4	0	0.237	NC	0.643	05/25/12	NC	NC	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2013-2014	9	0	0.268	0.373	7.08	07/17/13	0.269	3.81	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	1998-2012	4	1	0 *	NC	0.046	05/20/98	NC	NC	1.42	0	3.19	0	0.010	NC
Ammonia, in milligrams per liter as N	2013-2014	9	4	0 *	0.017	0.048	07/17/13	0 *	0.040	1.42	0	3.23	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	1998-2012	4	0	0.285	NC	1.38	08/23/12	NC	NC	10.0	0	--	--	0.010	NC
Nitrite plus nitrate in milligrams per liter as N	2013-2014	9	0	0.297	1.06	2.57	07/17/13	0.493	1.91	10.0	0	--	--	0.010	L
Nitrite, in milligrams per liter as N	1998-2012	4	1	0 *	NC	0.011	05/25/12	NC	NC	0.05	0	--	--	0.0010	NC
Nitrite, in milligrams per liter as N	2013-2014	9	0	0.002	0.006	0.027	07/17/13	0.004	0.017	0.05	0	--	--	0.0010	L
Orthophosphate, in milligrams per liter as P	1998-2012	4	1	0 *	NC	0.012	02/24/12	NC	NC	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2013-2014	9	1	0 *	0.013	0.019	05/21/13	0.003	0.018	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1998	1	1	0 *	NC	0 *	05/20/98	NC	NC	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter as P	1998-2012	4	0	0.027	NC	0.222	05/20/98	NC	NC	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2013-2014	9	0	0.020	0.092	8.34	07/17/13	0.025	4.26	--	--	--	--	0.0040	--
Iron, in micrograms per liter	1998	1	1	0 *	NC	0 *	05/20/98	NC	NC	300	0	.	--	--	NC
Manganese, in micrograms per liter	1998	1	0	9.4	NC	9.4	05/20/98	NC	NC	2,601	0	4,707	0	--	NC
Selenium, in micrograms per liter	1999-2012	5	0	3.6	NC	6.1	08/23/12	NC	NC	4.6	3	18.4	0	0.030	NC
Selenium, in micrograms per liter	2013-2014	10	0	1.0	6.1	9.4	07/17/13	2.4	8.3	4.6	7	18.4	0	0.050	H
Organic carbon, in milligrams per liter	1998	1	0	4.3	NC	4.3	05/20/98	NC	NC	--	--	.	--	--	--
Suspended sediment, in milligrams per liter	1998	1	0	349	NC	349	05/20/98	NC	NC	--	--	--	--	--	--
Suspended sediment, in milligrams per liter	2013-2014	7	0	22	90	4,980	07/17/13	25	4,009	--	--	--	--	1.0	--