Table 2. Summary of measured constituents and properties for Colorado River below Baker Gulch near Grand Lake, Co., station 09010500

[--, 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	1990-2012	178	0	3.0	24.1	843	06/17/95	9.0	195	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2013	1	0	13.7	NC	13.7	11/05/12	NC	NC	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1995-2012	61	0	7.5	9.3	10.8	11/10/10	8.3	10.2	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2013	1	0	8.2	NC	8.2	09/11/13	NC	NC	6.0	0	--	--	--	NC
pH, in standard units	1995-2012	63	0	6.8	7.4	7.9	11/10/10	7.1	7.7	6.5-9.0	0		--	--	L
pH, in standard units	2013	1	0	7.9	NC	7.9	09/11/13	NC	NC	6.5-9.0	0		--	--	NC
pH, laboratory, in standard units	1995-1998	56	0	6.6	7.5	8.2	03/17/98	7.2	7.9	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1995-2010	57	0	38.3	72.0	83.0	01/26/95	45.9	81.0	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1990-2012	174	0	37.0	70.1	127	03/24/04	50.0	78.0	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2013	2	0	83.0	NC	83.0	11/05/12	NC	NC	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2012	174	0	-0.0	3.5	18.5	08/08/00	0.0	11.2	--	--	--	--	--	--
Temperature, water, degrees Celsius	2013	2	0	3.3	NC	11.3	09/11/13	NC	NC	--	--	--	--	--	--
Temperature, water, degrees Celsius June-September	1990-2012	70	0	1.9	10.1	18.5	08/08/00	5.0	14.0	21.7	0	--	--	--	L
Temperature, water, degrees Celsius June-September	2013	1	0	11.3	NC	11.3	09/11/13	NC	NC	21.7	0	--	--	--	NC
Temperature, water, degrees Celsius October-May	1990-2012	104	0	-0.0	0.2	12.3	10/02/10	0.0	4.8	13.0	0	--	--	--	L
Temperature, water, degrees Celsius October-May	2013	1	0	3.3	NC	3.3	11/05/12	NC	NC	13.0	0	--	--	--	NC
Residue, in milligrams per liter	1995-2012	67	0	26.0	46.0	78.3	09/06/12	38.0	53.0	--	--	.	--	20.0	--
Residue (total), in milligrams per liter	1991-1992	4	3	0 *	NC	18.0	05/22/91	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	1995-2012	59	0	4.2	8.2	10.0	01/26/95	5.3	9.2	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2013	1	0	10.1	NC	10.1	09/11/13	NC	NC	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1995-2012	59	0	1.0	2.0	2.5	01/26/95	1.3	2.3	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2013	1	0	2.4	NC	2.4	09/11/13	NC	NC	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1995-2012	59	0	0.50	0.80	3.5	07/24/96	0.61	0.91	--	--	.	--	0.030	--
Potassium, in milligrams per liter	2013	1	0	1.1	NC	1.1	09/11/13	NC	NC	--	--	.	--	0.030	--
Sodium, in milligrams per liter	1995-2012	59	0	0.87	1.7	2.2	01/26/95	1.3	2.0	--	--	.	--	0.060	--
Sodium, in milligrams per liter	2013	1	0	2.4	NC	2.4	09/11/13	NC	NC	--	--	.	--	0.060	--
Alkalinity, in milligrams per liter	2010-2012	3	0	18.1	NC	27.2	06/26/12	NC	NC	--	--	.	--	4.6	--
Alkalinity, inflection-point titration, in milligrams per liter	1995-1998	55	0	12.0	24.0	31.0	11/17/97	16.0	28.6	--	--	.	--	--	--
Bicarbonate, inflection-point titration in milligrams per liter	1995-1998	54	0	15.0	30.3	38.0	11/17/97	19.0	35.0	--	--	.	--	--	--
Carbonate, inflection-point titration in milligrams per liter	1998	1	0	26.0	NC	26.0	10/30/97	NC	NC	--	--	.	--	--	--
Chloride, in milligrams per liter	1995-2012	59	9	0 *	0.18	0.80	06/17/95	0 *	0.23	250	0	.	--	0.060	L
Chloride, in milligrams per liter	2013	1	0	0.27	NC	0.27	09/11/13	NC	NC	250	0	.	--	0.060	NC
Fluoride, in milligrams per liter	1995-2012	59	0	0.15	0.29	0.50	10/07/96	0.20	0.30	2.0	0	.	--	0.040	L
Silica, in milligrams per liter	1995-2012	59	0	4.8	7.3	9.7	01/26/95	6.1	8.9	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	1995-2012	59	0	2.7	5.6	7.4	11/12/96	3.4	7.0	250	0	.	--	0.090	L
Sulfate, in milligrams per liter	2013	1	0	8.6	NC	8.6	09/11/13	NC	NC	250	0	.	--	0.090	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
Ammonia plus organic nitrogen, in milligrams per liter as N	1995-1998	56	52	0 *	0 *	0.195	07/07/98	0 *	0 *	--	--	--	--	--	--
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N	1995-1998	56	44	0 *	0 *	0.500	06/17/95	0 *	0.116	--	--	--	--	--	--
Ammonia, in milligrams per liter as N	1995-1998	56	30	0 *	0 *	0.056	06/02/98	0 *	0.032	4.87	0	17.1	0	--	L
Ammonia, in milligrams per liter as N	2013	1	1	0 *	NC	0 *	09/11/13	NC	NC	2.80	0	6.77	0	0.010	NC
Nitrite plus nitrate, in milligrams per liter as N	1995-1998	56	14	0 *	0.080	0.142	02/20/98	0 *	0.110	10.0	0	--	--	--	L
Nitrite plus nitrate, in milligrams per liter as N	2013	1	1	0 *	NC	0 *	09/11/13	NC	NC	10.0	0	--	--	0.040	NC
Nitrite, in milligrams per liter as N	1995-1998	56	48	0 *	0 *	0.019	06/02/98	0 *	0.004	0.05	0	--	--	--	L
Nitrite, in milligrams per liter as N	2013	1	1	0 *	NC	0 *	09/11/13	NC	NC	0.05	0	--	--	0.0010	NC
Orthophosphate, in milligrams per liter as P	1995-1998	56	46	0 *	0 *	0.020	03/19/96	0 *	0.010	--	--	--	--	--	--
Orthophosphate, in milligrams per liter as P	2013	1	1	0 *	NC	0 *	09/11/13	NC	NC	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1995-1998	56	52	0 *	0 *	0.025	04/23/98	0 *	0 *	--	--	--	--	--	--
Phosphorus, unfiltered, in milligrams per liter as P	1995-1998	56	39	0 *	0 *	0.110	06/17/95	0 *	0.020	0.11	0	--	--	--	L
Phosphorus, unfiltered, in milligrams per liter as P	2013	1	0	0.012	NC	0.012	09/11/13	NC	NC	0.11	0	--	--	0.0040	NC
Total nitrogen, unfiltered, in milligrams per liter	2013	1	1	0 *	NC	0 *	09/11/13	NC	NC	--	--	--	--	0.050	--
Chlorophyll a, periphyton, in milligrams per square meter	1998	2	0	1.40	NC	25.2	09/22/98	NC	NC	150	0	--	--	--	NC
Aluminum, in micrograms per liter	1995-1998	6	0	7.0	27.7	77.0	05/13/96	7.1	75.3	98.2	0	688	0	--	M
Aluminum, unfiltered, in micrograms per liter	1998	1	0	71.0	NC	71.0	08/10/98	NC	NC	98.2	0	688	0	--	NC
Cadmium, in micrograms per liter	1995-1998	6	6	0 *	0 *	0 *	09/13/95	0 *	0 *	0.18	0	0.61	0	--	L
Cadmium, unfiltered, in micrograms per liter	1998	1	1	0 *	NC	0 *	08/10/98	NC	NC	--	--	.	--	--	--
Copper, in micrograms per liter	1995-1998	6	4	0 *	0 *	4.0	05/13/96	0 *	3.9	3.3	1	4.5	0	--	H
Iron, in micrograms per liter	1995-1998	56	0	47.0	114	370	04/07/95	73.1	215	300	1	.	--	--	M
Iron, unfiltered, in micrograms per liter	1998	1	0	404	NC	404	08/10/98	NC	NC	1,000	0	.	--	--	NC
Lead, in micrograms per liter	1995-1998	6	6	0 *	0 *	0 *	09/13/95	0 *	0 *	0.69	0	17.7	0	--	L
Manganese, in micrograms per liter	1995-1998	56	1	0 *	17.3	44.0	04/07/95	7.4	35.7	1,117	0	2,021	0	--	L
Manganese, unfiltered, in micrograms per liter	1998	1	0	12.0	NC	12.0	08/10/98	NC	NC	--	--	.	--	--	--
Nickel, in micrograms per liter	1995-1998	6	5	0 *	0 *	17.0	05/13/96	0 *	16.2	19.3	0	174	0	--	M
Silver, in micrograms per liter	1991-1998	7	7	0 *	0 *	0 *	05/22/91	0 *	0 *	0.010	0	0.27	0	--	L
Zinc, in micrograms per liter	1995-1998	6	1	0 *	1.1	51.0	05/13/96	0.050	48.5	9.6	1	55.2	0	--	H
Arsenic, in micrograms per liter	1995-1998	6	6	0 *	0 *	0 *	09/13/95	0 *	0 *	--	--	340	0	--	--
Selenium, in micrograms per liter	1995-1997	5	5	0 *	NC	0 *	09/13/95	NC	NC	4.6	0	18.4	0	--	NC
Organic carbon, in milligrams per liter	1995-1998	56	0	1.0	1.9	5.5	06/02/97	1.2	4.6	--	--	.	--	--	--
Suspended sediment, percent smaller than 0.0625 millimeters	1996-1998	2	0	78.4	NC	88.0	05/21/98	NC	NC	--	--	--	--	--	--
Suspended sediment, in milligrams per liter	1995-1998	56	0	0 *	2	217	06/17/95	1	19	--	--	--	--	--	--