Table 9. Summary of measured constituents and properties for Colorado River near Cameo, Co., station 09095500

[--, 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	387	0	1,060	2,340	28,600	06/17/95	1,630	6,386	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2013-2014	10	0	1,140	2,340	9,960	05/20/14	1,192	9,317	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1991-2012	187	0	6.6	9.3	13.7	01/27/11	7.9	11.6	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2013-2014	10	0	7.6	8.9	12.5	01/30/14	7.6	12.2	5.0	0	--	--	--	L
pH, in standard units	1990-2012	214	0	7.7	8.4	9.0	01/10/06	8.2	8.6	6.5-9.0	0		--	--	L
pH, in standard units	2013-2014	10	0	8.0	8.3	8.6	03/12/13	8.0	8.5	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1990-2010	175	0	7.6	8.2	8.7	08/14/91	7.9	8.3	6.5-9.0	0		--	0.10	L
Specific conductance, laboratory, in microsiemens per centimeter	1990-2010	177	0	254	917	1,420	12/06/89	445	1,143	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1990-2012	386	0	239	931	1,643	08/09/12	471	1,177	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2013-2014	10	0	400	851	1,493	12/10/12	410	1,402	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2012	387	0	0.0	12.0	25.1	07/18/94	3.6	19.4	--	--	--	--	--	--
Temperature, water, degrees Celsius	2013-2014	10	0	0.0	11.3	18.5	08/08/13	0.2	18.4	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1990-2012	332	0	0.0	12.8	25.1	07/18/94	7.0	19.5	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2013-2014	8	0	5.8	14.6	18.5	08/08/13	6.3	18.4	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	1990-2012	55	0	0.0	1.9	6.0	02/28/90	0.0	4.1	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2013-2014	2	0	0.0	NC	0.4	12/10/12	NC	NC	14.3	0	--	--	--	NC
Turbidity, water, unfiltered, in nephelometric turbidity units	2012	4	0	12.9	NC	1395	08/09/12	NC	NC	--	--	--	--	2.0	--
Turbidity, water, unfiltered, in nephelometric turbidity units	2013-2014	8	0	3.0	24.8	278.0	04/23/14	4.8	213.7	--	--	--	--	2.0	--
Residue, in milligrams per liter	1991-1998	73	0	153	534	778	12/21/94	214	619	--	--	.	--	--	--
Residue (total), in milligrams per liter	1994	4	0	48.0	NC	824	09/03/94	NC	NC	--	--	.	--	--	--
Calcium, in milligrams per liter	1990-2012	216	0	24.8	63.2	241	08/09/12	38.6	74.0	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2013-2014	10	0	37.5	61.1	89.1	12/10/12	37.5	80.4	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1990-2012	216	0	5.3	14.7	22.0	12/06/89	8.5	18.0	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2013-2014	10	0	7.5	13.1	21.1	12/10/12	7.8	20.1	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1990-2012	216	0	1.1	3.2	5.0	03/13/91	1.7	4.1	--	--	.	--	0.030	--
Potassium, in milligrams per liter	2013-2014	10	0	1.7	3.0	4.6	03/12/13	1.7	4.5	--	--	.	--	0.030	--
Sodium, in milligrams per liter	1990-2012	216	0	12.0	99.1	180	03/11/03	33.0	140	--	--	.	--	0.060	--
Sodium, in milligrams per liter	2013-2014	10	0	28.9	86.5	177	12/10/12	30.4	168	--	--	.	--	0.060	--
Alkalinity, in milligrams per liter	1999-2007	42	0	71.2	125	183	02/19/03	97.3	154	--	--	.	--	5.0	--
Alkalinity, in milligrams per liter	2014	1	0	95.2	NC	95.2	04/23/14	NC	NC	--	--	.	--	4.6	--
Alkalinity, inflection-point titration, in milligrams per liter	1996-2012	101	0	64.0	120	182	02/25/04	89.4	144	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2013-2014	10	0	82.5	116	157	12/10/12	88.4	154	--	--	.	--	--	--
Bicarbonate, inflection-point titration in milligrams per liter	1996-2012	97	0	78.1	142	219	02/25/04	108	172	--	--	.	--	--	--
Bicarbonate, inflection-point titration in milligrams per liter	2013-2014	10	0	98.4	138	187	12/10/12	106	182	--	--	.	--	--	--
Carbonate, inflection-point titration in milligrams per liter	1996-2012	79	0	0.40	2.4	8.0	11/20/96	1.1	5.0	--	--	.	--	--	--
Carbonate, inflection-point titration in milligrams per liter	2013-2014	10	0	0.60	1.6	3.1	03/12/13	0.73	2.6	--	--	.	--	--	--

Table 9. Summary of measured constituents and properties for Colorado River near Cameo, Co., station 09095500

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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	1990-2012	214	0	12.0	140	247	12/18/02	38.6	191	250	0	.	--	0.060	M
Chloride, in milligrams per liter	2013-2014	10	0	36.8	125	272	12/10/12	36.9	251	250	1	.	--	0.020	H
Fluoride, in milligrams per liter	1990-2012	212	10	0 *	0.29	0.60	08/10/90	0.19	0.31	2.0	0	.	--	0.040	L
Fluoride, in milligrams per liter	2013-2014	10	0	0.17	0.26	0.28	09/13/13	0.17	0.28	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	1990-2012	214	0	3.7	7.6	10.5	04/22/05	6.3	8.9	--	--	.	--	0.018	--
Silica, in milligrams per liter	2013-2014	10	0	5.3	7.4	9.3	04/23/14	5.4	9.1	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	1990-2012	214	0	24.7	115	528	08/09/12	51.1	149	250	1	.	--	0.090	M
Sulfate, in milligrams per liter	2013-2014	10	0	51.6	99.7	165	12/10/12	53.5	156	250	0	.	--	0.020	M
Ammonia plus organic nitrogen, in milligrams per liter as N	1994-2002	48	27	0 *	0 *	0.317	04/29/97	0 *	0.202	--	--	--	--	0.10	--
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N	1996-2012	46	13	0 *	0.255	2.24	08/09/12	0 *	0.754	--	--	--	--	0.070	--
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N	2013-2014	8	0	0.146	0.292	1.62	04/23/14	0.170	1.27	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	1991-2012	55	24	0 *	0.020	0.140	03/14/97	0 *	0.046	1.35	0	3.09	0	0.010	L
Ammonia, in milligrams per liter as N	2013-2014	8	5	0 *	0 *	0.051	04/23/14	0 *	0.038	1.47	0	3.31	0	0.010	L
Nitrite plus nitrate, in milligrams per liter as N	1990-2012	74	26	0 *	0.109	1.20	04/21/92	0 *	0.223	10.0	0	--	--	0.010	L
Nitrite plus nitrate, in milligrams per liter as N	2013-2014	8	3	0 *	0.107	0.203	04/23/14	0 *	0.189	10.0	0	--	--	0.010	L
Nitrite, in milligrams per liter as N	1991-2012	55	39	0 *	0 *	0.037	11/04/97	0 *	0.011	0.05	0	--	--	0.0010	L
Nitrite, in milligrams per liter as N	2013-2014	8	3	0 *	0.002	0.004	03/12/13	0 *	0.004	0.05	0	--	--	0.0010	L
Orthophosphate, in milligrams per liter as P	1991-2012	55	29	0 *	0 *	0.032	01/06/98	0 *	0.015	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2013-2014	8	5	0 *	0 *	0.011	05/20/14	0 *	0.010	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1994-2002	48	32	0 *	0 *	0.050	09/03/94	0 *	0.017	--	--	--	--	0.060	--
Phosphorus, unfiltered, in milligrams per liter as P	1996-2012	48	9	0 *	0.040	0.935	05/12/98	0 *	0.306	--	--	--	--	0.0040	--
Phosphorus, unfiltered, in milligrams per liter as P	2013-2014	8	0	0.009	0.056	0.903	04/23/14	0.016	0.736	--	--	--	--	0.0040	--
Aluminum, unfiltered, in micrograms per liter	1994	2	0	1,800	NC	3,100	09/03/94	NC	NC	1,438	2	10,071	0	--	NC
Cadmium, in micrograms per liter	1991-1994	7	6	0 *	0 *	1.0	05/22/91	0 *	0.80	0.83	1	5.9	0	--	M
Cadmium, unfiltered, in micrograms per liter	1994	5	5	0 *	NC	0 *	09/02/94	NC	NC	--	--	.	--	--	--
Copper, in micrograms per liter	1991-1994	7	4	0 *	0 *	10.0	05/22/91	0 *	9.2	19.1	0	31.1	0	--	L
Iron, in micrograms per liter	1994-2002	53	12	0 *	10.2	74.0	06/05/95	0 *	23.3	300	0	.	--	10.0	L
Iron, unfiltered, in micrograms per liter	1994	2	0	2,500	NC	3,300	09/03/94	NC	NC	1,000	2	.	--	--	NC
Lead, in micrograms per liter	1991-1994	7	6	0 *	0 *	2.0	05/22/91	0 *	1.6	6.5	0	168	0	--	L
Manganese, in micrograms per liter	1994-1998	51	6	0 *	7.0	22.0	03/15/95	2.6	15.0	2,218	0	4,015	0	--	L
Manganese, unfiltered, in micrograms per liter	1994	2	0	100	NC	170	09/03/94	NC	NC	--	--	.	--	--	--
Molybdenum, unfiltered, in micrograms per liter	1994	2	0	6.00	NC	8.00	09/03/94	NC	NC	160	0	--	--	--	NC
Nickel, in micrograms per liter	1994	4	4	0 *	NC	0 *	09/02/94	NC	NC	110	0	994	0	--	NC
Silver, in micrograms per liter	1994	4	4	0 *	NC	0 *	09/02/94	NC	NC	1.5	0	9.4	0	--	NC
Vanadium, in micrograms per liter	1991	3	0	2.30	NC	4.40	03/27/91	NC	NC	--	--	--	--	--	--
Zinc, in micrograms per liter	1991-1994	7	4	0 *	0 *	11.0	05/22/91	0 *	10.0	272	0	359	0	--	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
Arsenic, in micrograms per liter	1991-1994	7	5	0 *	0 *	1.0	09/03/94	0 *	1.0	--	--	340	0	--	--
Arsenic, unfiltered in micrograms per liter	1994	1	1	0 *	NC	0 *	09/07/94	NC	NC	0.020	0	.	--	--	NC
Boron, in micrograms per liter	1991-1992	11	0	10.0	40.0	50.0	03/27/91	18.0	50.0	750	0	.	--	--	L
Selenium, in micrograms per liter	1991-2012	96	25	0 *	0.53	2.2	03/11/02	0 *	1.0	4.6	0	18.4	0	0.030	L
Selenium, in micrograms per liter	2013-2014	10	0	0.34	0.56	0.91	03/12/13	0.36	0.82	4.6	0	18.4	0	0.050	L
Selenium, unfiltered, in micrograms per liter	1994-2012	5	1	0 *	NC	0.98	08/09/12	NC	NC	--	--	.	--	0.050	--
Selenium, unfiltered, in micrograms per liter	2013-2014	9	0	0.29	0.58	0.83	03/12/13	0.31	0.82	--	--	.	--	0.10	--
Organic carbon, in milligrams per liter	1994-1998	46	0	1.1	2.5	5.5	09/03/94	1.9	3.6	--	--	.	--	--	--
Organic carbon unfiltered, in milligrams per liter	1994	4	0	3.6	NC	73.0	09/03/94	NC	NC	--	--	.	--	--	--
Suspended sediment, percent smaller than 0.0625 millimeters	1990-2012	188	0	38.3	81.0	99.2	07/25/90	62.0	94.0	--	--	--	--	1.0	--
Suspended sediment, percent smaller than 0.0625 millimeters	2013-2014	6	0	56.0	70.5	97.0	03/12/13	56.5	96.9	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	1990-2012	211	0	5	74	3,070	07/25/90	22	434	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2013-2014	8	0	3	51	1,190	04/23/14	11	959	--	--	--	--	1.0	--