Table 24. Summary of measured constituents and properties for Chicosa Creek near Fowler, Co., station 07117600

[--, 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; **, 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	1998-2010	34	0	2.0	8.3	56.2	08/10/99	3.8	30.0	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2011	5	0	3.6	3.8	5.0	10/29/10	3.6	5.0	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1998-2001	15	0	7.5	8.9	12.5	03/02/99	7.8	10.1	5.0	0	--	--	--	L
pH, in standard units	1998-2010	21	0	7.7	8.1	8.3	04/27/99	7.8	8.3	6.5-9.0	0		--	--	L
pH, in standard units	2011	1	0	7.9	7.9	7.9	10/05/10	7.9	7.9	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1998-2001	15	0	7.9	8.1	8.3	10/27/98	7.9	8.3	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1998-2001	13	0	743	1,322	2,200	03/02/99	762	1,946	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	1998-2010	36	0	733	1,464	2,405	10/21/09	939	1,950	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2011	5	0	1,749	1,777	1,878	11/23/10	1,749	1,878	--	--	.	--	--	--
Temperature, degrees Celsius	1998-2010	34	0	6.0	18.6	23.0	07/16/09	9.4	21.9	30.0	--	--	--	--	L
Temperature, degrees Celsius	2011	5	0	8.5	14.5	15.1	10/19/10	8.5	15.1	30.0	--	--	--	--	L
Hardness, in milligrams per liter	1998-2010	10	0	345	516	1,078	03/02/99	355	1,000	--	--	.	--	--	--
Calcium, in milligrams per liter	1998-2010	10	0	90.4	124	262	03/02/99	91.5	230	--	--	.	--	0.044	--
Magnesium, in milligrams per liter	1998-2010	10	0	28.0	50.0	116	10/21/09	31.0	107	--	--	.	--	0.016	--
Potassium, in milligrams per liter	2010	2	0	4.2	9.3	14.5	10/21/09	4.2	14.5	--	--	.	--	0.064	--
Sodium, in milligrams per liter	2010	2	0	145	176	207	10/21/09	145	207	--	--	.	--	0.10	--
Acid neutralizing capacity, in milligrams per liter	2010	2	0	244	248	252	11/17/09	244	252	--	--	.	--	8.0	--
Chloride, in milligrams per liter	2010	2	0	48.8	54.4	59.9	10/21/09	48.8	59.9	--	--	.	--	0.12	--
Fluoride, in milligrams per liter	2010	2	0	1.1	1.2	1.3	11/17/09	1.1	1.3	--	--	.	--	0.080	--
Silica, in milligrams per liter	2010	3	0	9.7	11.1	21.1	08/18/10	9.7	21.1	--	--	.	--	0.10	--
Sulfate, in milligrams per liter	1998-2010	17	0	256	575	1,097	10/21/09	288	1,016	--	--	.	--	0.18	--
Dissolved solids, sum of constituents, in milligrams per liter	2010	2	0	1,545	1,690	1,835	10/21/09	1,545	1,835	--	--	.	--	--	--
Residue, in milligrams per liter	2010	6	0	706	1,319	2,049	10/21/09	711	2,032	--	--	.	--	10.0	--
Residue, in milligrams per liter	2011	1	0	1,390	1,390	1,390	10/05/10	1,390	1,390	--	--	.	--	12.0	--
Ammonia nitrogen, in milligrams per liter	1998-2001	15	0	0.010	0.030	0.106	10/31/00	0.019	0.087	2.26	0	7.52	0	--	L
Nitrite plus nitrate, in milligrams per liter	1998-2010	16	0	1.03	2.11	5.17	03/06/01	1.18	4.09	--	--	--	--	0.040	--
Orthophosphate, in milligrams per liter	1998-2001	15	0	0.023	0.058	0.171	06/06/00	0.028	0.118	--	--	--	--	--	--
Phosphorus, in milligrams per liter	1998-2001	15	0	0.022	0.078	0.188	06/06/00	0.037	0.121	--	--	--	--	--	--
Escherichia coli, Defined Substrate Technology, in colonies per 100 milliliters	2010	4	0	63	825	11,000	10/21/09	--	782 **	126	3	--	--	1	H
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2010	4	0	2,000	13,200	24,000	10/21/09	2,000	24,000	--	--	--	--	--	--
Aluminum, in micrograms per liter	2010	1	0	19.1	19.1	19.1	06/29/10	19.1	19.1	1,438	0	10,071	0	3.4	L
Boron, in micrograms per liter	2010	2	0	259	301	344	10/21/09	259	344	750	0	.	--	2.8	L
Iron, in micrograms per liter	1998-2000	8	8	0 *	0 *	0 *	07/07/98	0 *	0 *	1,000	0	.	--	--	L
Iron, unfiltered, in micrograms per liter	1998-2000	8	0	110	4,875	24,200	08/10/99	268	24,060	1,000	6	.	--	--	H

Table 24. Summary of measured constituents and properties for Chicosa Creek near Fowler, Co., station 07117600

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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
Manganese, in micrograms per liter	1998-2001	15	0	12.0	79.7	363	10/31/00	16.2	236	2,618	0	4,738	0	--	L
Manganese, unfiltered, in micrograms per liter	1998-2001	15	0	92.0	248	1,140	10/31/00	98.8	532	--	--	.	--	--	--
Selenium, in micrograms per liter	1998-2010	20	0	6.2	12.0	21.8	04/24/01	8.1	17.0	4.6	20	18.4	2	0.040	H
Selenium, unfiltered, in micrograms per liter	1998-2001	15	0	6.7	12.5	23.1	04/24/01	9.5	16.4	--	--	.	--	--	--
Zinc, in micrograms per liter	2010	1	1	0 *	0 *	0 *	06/29/10	0 *	0 *	405	0	467	0	2.8	L
Uranium (natural), in micrograms per liter	2010	5	0	12.8	26.3	32.7	11/17/09	12.8	32.7	30.0	2	.	--	0.0080	H