Table 26. Summary of measured constituents and properties for Apishapa River at Highway 50 near Fowler, Co., station 380715103564701

[--, 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	1990-2010	52	0	5.6	25.2	1,400	08/04/98	11.0	51.6	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2011	5	0	14.7	22.0	27.0	10/13/10	14.7	27.0	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1990-2001	27	0	3.9	8.4	13.7	10/26/99	6.5	12.7	5.0	1	--	--	--	L
pH, in standard units	1990-2010	34	0	7.8	8.0	8.4	10/23/90	7.9	8.2	6.5-9.0	0		--	--	L
pH, in standard units	2011	1	0	7.8	7.8	7.8	10/05/10	7.8	7.8	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1990-2001	28	0	7.5	8.0	8.3	03/14/00	7.8	8.2	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1990-2001	27	0	857	1,634	2,700	03/02/99	1,114	2,318	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	1990-2010	64	0	814	1,695	2,720	12/03/92	1,245	2,328	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2011	5	0	1,960	2,050	2,120	11/23/10	1,960	2,120	--	--	.	--	--	--
Temperature, degrees Celsius	1990-2010	48	0	6.0	18.0	25.5	06/12/90	11.5	23.2	30.0	--	--	--	--	L
Temperature, degrees Celsius	2011	5	0	6.5	12.4	14.5	10/05/10	6.5	14.5	30.0	--	--	--	--	L
Hardness, in milligrams per liter	1998-2010	11	0	358	811	1,402	03/02/99	501	1,232	--	--	.	--	--	--
Calcium, in milligrams per liter	1998-2010	11	0	101	224	380	03/02/99	142	344	--	--	.	--	0.044	--
Magnesium, in milligrams per liter	1998-2010	11	0	25.8	64.0	110	03/02/99	35.6	90.7	--	--	.	--	0.016	--
Potassium, in milligrams per liter	2010	3	0	3.9	4.4	12.3	10/21/09	3.9	12.3	--	--	.	--	0.064	--
Sodium, in milligrams per liter	2010	3	0	69.8	102	129	11/17/09	69.8	129	--	--	.	--	0.10	--
Acid neutralizing capacity, in milligrams per liter	2010	3	0	189	214	237	11/17/09	189	237	--	--	.	--	8.0	--
Chloride, in milligrams per liter	2010	3	0	23.4	42.1	42.4	11/17/09	23.4	42.4	--	--	.	--	0.12	--
Fluoride, in milligrams per liter	2010	3	0	0.81	0.82	1.0	11/17/09	0.81	1.0	--	--	.	--	0.080	--
Silica, in milligrams per liter	2010	3	0	9.9	10.4	15.7	08/18/10	9.9	15.7	--	--	.	--	0.10	--
Sulfate, in milligrams per liter	1998-2010	18	0	399	780	1,400	03/02/99	527	1,122	--	--	.	--	0.18	--
Dissolved solids, sum of constituents, in milligrams per liter	2010	3	0	944	1,427	1,850	11/17/09	944	1,850	--	--	.	--	--	--
Residue, in milligrams per liter	1990-2010	19	0	586	1,185	2,190	10/21/92	942	1,991	--	--	.	--	10.0	--
Residue, in milligrams per liter	2011	1	0	1,739	1,739	1,739	10/05/10	1,739	1,739	--	--	.	--	12.0	--
Ammonia nitrogen, in milligrams per liter	1998-2001	15	1	0 *	0.040	0.299	08/04/98	0.011	0.066	1.91	0	7.39	0	--	L
Ammonia, unfiltered, in milligrams per liter	1990-1993	13	1	0 *	0.040	0.190	06/11/91	0.020	0.135	--	--	--	--	--	--
Nitrite plus nitrate, in milligrams per liter	1998-2010	16	0	0.626	2.71	4.45	03/02/99	1.47	4.09	100	0	--	--	0.040	L
Nitrate plus nitrite, unfiltered, in milligrams per liter	1990-1993	13	1	0 *	1.70	3.80	10/21/92	1.01	3.06	--	--	--	--	--	--
Nitrite, unfiltered, in milligrams per liter	1991	1	0	0.020	0.020	0.020	10/23/90	0.020	0.020	--	--	--	--	--	--
Orthophosphate, in milligrams per liter	1998-2001	15	1	0 *	0.032	0.081	10/26/99	0.003	0.052	--	--	--	--	--	--
Orthophosphate, unfiltered, in milligrams per liter	1991	1	0	0.030	0.030	0.030	10/23/90	0.030	0.030	--	--	--	--	--	--
Phosphorus, in milligrams per liter	1998-2001	15	3	0 *	0.034	0.080	08/29/00	0 *	0.070	--	--	--	--	--	--
Escherichia coli, Defined Substrate Technology, in colonies per 100 milliliters	2010	3	0	20	880	6,900	10/21/09	--	495 **	126	2	--	--	1	H
Total coliform, Defined Substrate Technology, in colonies per 100 milliliters	2010	3	0	1,800	24,000	24,000	10/21/09	1,800	24,000	--	--	--	--	--	--

Table 26. Summary of measured constituents and properties for Apishapa River at Highway 50 near Fowler, Co., station 380715103564701

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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
Aluminum, in micrograms per liter	2010	1	0	3.3	3.3	3.3	06/29/10	3.3	3.3	1,438	0	10,071	0	3.4	L
Boron, in micrograms per liter	2010	2	0	156	192	228	11/17/09	156	228	750	0	.	--	2.8	L
Copper, in micrograms per liter	1992	1	1	0 *	0 *	0 *	08/18/92	0 *	0 *	29.3	0	49.6	0	--	L
Copper, unfiltered, in micrograms per liter	1991-1992	2	0	260	280	300	07/02/91	260	300	--	--	.	--	--	--
Iron, in micrograms per liter	1992-2000	9	8	0 *	0 *	24.0	08/18/92	0 *	12.0	1,805	0	.	--	--	L
Iron, unfiltered, in micrograms per liter	1991-2000	10	0	120	7,925	270,000	07/02/91	133	211,500	1,805	6	.	--	--	H
Manganese, in micrograms per liter	1992-2001	16	0	13.0	60.0	171	04/27/99	31.6	125	2,618	0	4,738	0	--	L
Manganese, unfiltered, in micrograms per liter	1991-2001	17	0	61.0	169	12,600	08/04/98	84.5	5,980	--	--	.	--	--	--
Selenium, in micrograms per liter	1998-2010	20	0	5.2	19.1	35.8	11/17/09	10.5	28.8	4.6	20	18.4	11	0.040	H
Selenium, unfiltered, in micrograms per liter	1998-2005	16	0	12.4	22.6	45.0	03/06/01	16.2	34.5	--	--	.	--	0.40	--
Zinc, in micrograms per liter	1992-2010	2	1	0 *	0.89	1.8	06/29/10	0 *	1.8	405	0	467	0	2.8	L
Zinc, unfiltered, in micrograms per liter	1991-1992	2	0	850	1,075	1,300	07/02/91	850	1,300	--	--	.	--	--	--
Uranium (natural), in micrograms per liter	2010	5	0	14.8	19.1	29.4	11/17/09	14.8	29.4	30.0	0	.	--	0.0080	M
Suspended sediment, in milligrams per liter	1991	1	0	20,200	20,200	20,200	07/02/91	20,200	20,200	--	--	--	--	--	--