Table 3. Summary of measured constituents and properties for Piceance Creek at White River, Co., station 09306222

[--, 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	1990-2017	211	0	0.70	23.0	551	05/05/98	4.4	46.9	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	0.97	9.0	19.8	08/09/19	1.1	17.9	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1990-2017	108	0	3.8	9.8	14.4	12/02/10	8.5	11.4	5.0	1	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	8	0	8.1	10.7	15.0	07/23/18	8.2	13.7	5.0	0	--	--	--	L
pH, in standard units	1990-2017	111	0	8.1	8.6	9.0	06/12/13	8.4	8.8	6.5-9.0	0		--	--	L
pH, in standard units	2018-2019	8	0	8.3	8.5	8.9	07/23/18	8.3	8.9	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1990-2009	63	0	1,042	2,010	4,650	05/18/94	1,604	3,663	--	--	.	--	1.0	--
Specific conductance, in microsiemens per centimeter	1990-2017	212	0	707	2,120	5,103	06/12/13	1,659	3,541	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	1,784	2,390	5,347	07/23/18	1,895	5,172	--	--	.	--	--	--
Temperature, water, degrees Celsius	1990-2017	208	0	0.0	10.3	28.8	07/09/12	0.6	19.3	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	0.0	7.9	25.9	07/23/18	0.0	23.5	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1990-2017	168	0	0.0	13.0	28.8	07/09/12	6.0	20.5	28.6	1	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	6	0	3.6	10.7	25.9	07/23/18	3.7	25.6	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	1990-2017	40	0	0.0	0.0	6.5	02/24/95	0.0	2.2	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2019	2	0	0.0	NC	0.0	12/17/18	NC	NC	14.3	0	--	--	--	NC
Residue, in milligrams per liter	1999-2017	73	0	679	1,403	3,516	06/12/13	1,144	2,485	--	--	.	--	20.0	--
Residue, in milligrams per liter	2018-2019	8	0	1,171	1,581	3,672	07/23/18	1,223	3,554	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	1990-2017	110	0	685	1,346	3,132	07/08/91	1,076	2,376	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	8	0	1,126	1,607	3,536	07/23/18	1,223	3,406	--	--	.	--	--	--
Hardness, in milligrams per liter	1990-2017	110	0	314	498	661	04/29/14	439	563	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	423	539	596	08/09/19	428	591	--	--	.	--	--	--
Residue (total), in milligrams per liter	1999-2013	56	25	0 *	18.5	1,016	05/10/11	0 *	194	--	--	.	--	15.0	--
Turbidity, unfiltered, laboratory, in nephelometric turbidity units	2002	1	0	1.54	NC	1.54	07/31/02	NC	NC	--	--	--	--	0.10	--
Calcium, in milligrams per liter	1990-2017	110	0	13.6	66.9	89.3	02/23/06	31.7	77.4	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	12.1	61.2	77.8	03/12/18	14.1	76.8	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1990-2017	110	0	40.0	86.0	122	04/29/14	71.3	99.1	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	65.2	95.8	106	08/09/19	73.2	105	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1990-2017	110	0	2.1	3.2	8.8	02/06/17	2.7	4.5	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018-2019	8	0	3.0	4.3	14.4	02/05/19	3.0	11.9	--	--	.	--	0.30	--
Sodium, in milligrams per liter	1990-2017	110	0	104	306	1,139	06/12/13	219	767	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018-2019	8	0	259	399	1,264	07/23/18	282	1,229	--	--	.	--	0.40	--
Acid neutralizing capacity, unfiltered, in milligrams per liter	1998	1	0	343	NC	343	04/30/98	NC	NC	--	--	--	--	--	--
Acid neutralizing capacity, in milligrams per liter	1990-1999	36	0	319	619	1,920	05/18/94	497	1,413	--	--	.	--	--	--
Alkalinity, fixed endpoint titration, in milligrams per liter as calcium carbonate	1999-2012	19	0	504	870	1,967	07/31/02	525	1,472	--	--	.	--	4.6	--
Alkalinity, inflection-point titration in milligrams per liter as calcium carbonate	1998-2017	65	0	381	761	2,003	09/09/13	606	1,467	--	--	.	--	--	--

Table 3. Summary of measured constituents and properties for Piceance Creek at White River, Co., station 09306222

[--, 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
Alkalinity, inflection-point titration in milligrams per liter as calcium carbonate	2018-2019	8	0	632	884	2,402	07/23/18	667	2,313	--	--	.	--	--	--
Bicarbonate, inflection-point titration in milligrams per liter	1998-2017	67	0	417	881	2,241	09/09/13	656	1,648	--	--	.	--	--	--
Bicarbonate, inflection-point titration in milligrams per liter	2018-2019	8	0	755	1,034	2,528	07/23/18	794	2,474	--	--	.	--	--	--
Bromide, in micrograms per liter	2001-2017	17	7	0 *	0.076	0.185	12/06/00	0 *	0.104	--	--	--	--	0.010	--
Bromide, in micrograms per liter	2018-2019	8	0	0.068	0.090	0.213	09/26/18	0.071	0.187	--	--	--	--	0.010	--
Carbonate, in milligrams per liter	1998-2017	65	0	5.6	20.6	204	07/31/02	10.8	94.4	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	8	0	7.4	21.3	197	07/23/18	9.4	170	--	--	.	--	--	--
Chloride, in milligrams per liter	1990-2017	110	0	13.6	39.4	209	06/12/13	29.0	117	250	0	.	--	0.020	L
Chloride, in milligrams per liter	2018-2019	8	0	43.1	51.4	229	07/23/18	43.7	224	250	0	.	--	0.020	M
Fluoride, in milligrams per liter	1990-2017	110	0	0.47	0.99	3.6	06/12/13	0.79	2.2	--	--	.	--	0.010	--
Fluoride, in milligrams per liter	2018-2019	8	0	0.94	1.2	3.9	07/23/18	0.94	3.7	--	--	.	--	0.010	--
Silica, in milligrams per liter	1990-2017	109	0	3.2	14.5	19.1	12/01/15	8.4	16.6	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018-2019	8	0	3.8	15.0	17.6	08/09/19	4.4	17.2	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	1990-2017	110	0	197	416	770	07/08/91	335	500	--	--	.	--	0.020	--
Sulfate, in milligrams per liter	2018-2019	8	0	283	420	474	07/23/18	312	465	--	--	.	--	0.020	--
Ammonia plus organic nitrogen, in milligrams per liter as N	1990-2017	93	1	0 *	0.499	2.08	02/06/17	0.341	0.727	--	--	--	--	0.070	--
Ammonia plus organic nitrogen, in milligrams per liter as N	2018-2019	8	0	0.325	0.575	4.23	02/05/19	0.365	3.15	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	1990-2017	93	28	0 *	0.029	0.432	02/06/17	0 *	0.179	0.89	0	1.89	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	8	3	0 *	0.016	1.20	02/05/19	0 *	0.843	0.99	0	2.11	0	0.010	M
Nitrite plus nitrate, in milligrams per liter as N	1990-2017	93	34	0 *	0.306	1.99	04/30/98	0 *	0.609	--	--	100	0	0.040	--
Nitrite plus nitrate, in milligrams per liter as N	2018-2019	8	4	0 *	0.028	0.311	12/17/18	0 *	0.295	--	--	100	0	0.040	--
Nitrite, in milligrams per liter as N	1990-2017	93	39	0 *	0.005	0.030	09/01/93	0 *	0.016	--	--	0.05	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	8	5	0 *	0 *	0.014	02/05/19	0 *	0.012	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	1990-2017	93	2	0 *	0.040	0.191	09/09/13	0.020	0.066	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	8	0	0.022	0.070	0.143	02/05/19	0.023	0.129	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1990-2017	93	12	0 *	0.044	0.190	09/09/13	0.024	0.081	--	--	--	--	0.020	--
Phosphorus, in milligrams per liter as P	2018-2019	8	0	0.028	0.066	0.298	02/05/19	0.033	0.231	--	--	--	--	0.020	--
Phosphorus, unfiltered, in milligrams per liter as P	2002	1	0	0.058	NC	0.058	07/31/02	NC	NC	0.11	0	--	--	0.0037	NC
Escherichia coli, in colonies per 100 milliliters	2004-2009	21	0	1	49	1,700	05/13/08	--	48 **	205	2	--	--	1	L
Escherichia coli, m-TEC, MF, in colonies per 100 milliliters	2002-2004	9	1	1	29	200	06/26/02	--	24 **	205	0	--	--	1	L
Aluminum, in micrograms per liter	1999-2017	74	12	0 *	2.8	30.8	09/09/13	0 *	6.8	1,438	0	10,071	0	3.0	L
Aluminum, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	10/18/17	0 *	0 *	1,438	0	10,071	0	3.0	L
Barium, in micrograms per liter	1991-2017	89	2	0 *	106	200	11/07/91	87.8	159	1,000	0	.	--	0.10	L
Barium, in micrograms per liter	2018-2019	8	0	91.0	103	170	07/23/18	92.8	160	1,000	0	.	--	0.10	L
Beryllium, in micrograms per liter	1999-2017	73	64	0 *	0 *	0.080	02/23/06	0 *	0 *	100	0	--	--	0.010	L

Table 3. Summary of measured constituents and properties for Piceance Creek at White River, Co., station 09306222

[--, 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
Beryllium, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	10/18/17	0 *	0 *	100	0	--	--	0.010	L
Cadmium, in micrograms per liter	1999-2017	73	19	0 *	0.036	0.11	04/07/02	0 *	0.058	2.0	0	10.1	0	0.030	L
Cadmium, in micrograms per liter	2018-2019	8	7	0 *	0 *	0.20	09/26/18	0 *	0.13	2.0	0	10.1	0	0.030	L
Chromium, in micrograms per liter	1999-2017	73	39	0 *	0 *	0.71	08/21/08	0 *	0.37	--	--	.	--	0.50	--
Chromium, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	10/18/17	0 *	0 *	--	--	.	--	0.50	--
Cobalt, in micrograms per liter	1991-2017	88	18	0 *	0.47	2.0	03/28/91	0 *	0.82	--	--	.	--	0.030	--
Cobalt, in micrograms per liter	2018-2019	8	0	0.21	0.39	1.1	02/05/19	0.22	0.93	--	--	.	--	0.030	--
Copper, in micrograms per liter	1999-2017	73	20	0 *	1.4	8.9	08/16/01	0 *	3.0	29.3	0	49.6	0	0.20	L
Copper, in micrograms per liter	2018-2019	8	5	0 *	0 *	2.1	02/05/19	0 *	2.0	29.3	0	49.6	0	0.40	L
Iron, in micrograms per liter	1991-2017	89	15	0 *	14.3	460	03/03/92	0 *	31.1	--	--	.	--	10.0	--
Iron, in micrograms per liter	2018-2019	8	5	0 *	0 *	158	02/05/19	0 *	132	--	--	.	--	10.0	--
Lead, in micrograms per liter	1999-2017	73	38	0 *	0 *	0.26	05/30/07	0 *	0.084	10.9	0	281	0	0.020	L
Lead, in micrograms per liter	2018-2019	8	5	0 *	0 *	0.16	02/05/19	0 *	0.16	10.9	0	281	0	0.020	L
Lithium, in micrograms per liter	1991-2017	88	0	10.5	25.1	107	07/31/02	19.0	69.3	--	--	--	--	0.15	--
Lithium, in micrograms per liter	2018-2019	8	0	20.7	32.8	139	09/26/18	21.6	132	--	--	--	--	0.15	--
Manganese, in micrograms per liter	1991-2017	88	4	0 *	17.9	151	11/04/05	4.1	61.5	2,618	0	4,738	0	0.40	L
Manganese, in micrograms per liter	2018-2019	8	0	1.7	12.0	61.0	02/05/19	2.1	55.4	2,618	0	4,738	0	0.40	L
Mercury, in micrograms per liter	1999-2013	57	51	0 *	0 *	0.064	11/15/01	0 *	0 *	--	--	.	--	0.0050	--
Molybdenum, in micrograms per liter	1991-2017	88	0	5.00	9.10	14.3	05/10/11	7.50	10.4	300	0	--	--	0.050	L
Molybdenum, in micrograms per liter	2018-2019	8	0	6.44	9.09	10.4	07/23/18	6.78	10.2	300	0	--	--	0.050	L
Nickel, in micrograms per liter	1991-2017	88	8	0 *	1.7	3.7	11/13/02	1.0	2.4	168	0	1,513	0	0.20	L
Nickel, in micrograms per liter	2018-2019	8	1	0 *	1.6	2.5	02/05/19	0.33	2.2	168	0	1,513	0	0.20	L
Silver, in micrograms per liter	1999-2017	73	50	0 *	0 *	0.094	06/12/13	0 *	0.021	3.5	0	22.0	0	1.0	L
Silver, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	10/18/17	0 *	0 *	3.5	0	22.0	0	1.0	L
Strontium, in micrograms per liter	1990-2017	109	0	1,200	2,580	3,596	10/11/07	2,004	2,989	--	--	--	--	0.50	--
Strontium, in micrograms per liter	2018-2019	8	0	1,859	2,681	3,261	08/09/19	1,952	3,236	--	--	--	--	0.50	--
Thallium, in, micrograms per liter	1999-2000	5	5	0 *	NC	0 *	08/12/99	NC	NC	--	--	--	--	--	--
Vanadium, in micrograms per liter	1999-2017	73	7	0 *	7.78	18.3	04/22/04	5.46	10.9	--	--	--	--	0.10	--
Vanadium, in micrograms per liter	2018-2019	8	0	5.64	6.46	9.28	07/23/18	5.64	8.72	--	--	--	--	0.10	--
Zinc, in micrograms per liter	1991-2017	89	50	0 *	0 *	18.0	03/03/92	0 *	2.1	428	0	564	0	2.0	L
Zinc, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	10/18/17	0 *	0 *	428	0	564	0	2.0	L
Antimony, in micrograms per liter	1999-2017	74	15	0 *	0.167	0.564	05/10/11	0 *	0.264	640	0	--	--	0.030	L
Antimony, in micrograms per liter	2018-2019	8	6	0 *	0 *	0.196	03/12/18	0 *	0.175	640	0	--	--	0.060	L
Arsenic, in micrograms per liter	1991-2017	89	0	1.8	3.0	10.0	06/12/13	2.2	5.6	--	--	340	0	0.050	--
Arsenic, in micrograms per liter	2018-2019	8	0	2.0	3.6	7.4	07/23/18	2.1	6.6	--	--	340	0	0.10	--
Boron, in micrograms per liter	1990-2017	109	0	93.1	261	870	05/18/94	198	537	750	3	.	--	5.0	M

Table 3. Summary of measured constituents and properties for Piceance Creek at White River, Co., station 09306222

[--, 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
Boron, in micrograms per liter	2018-2019	8	0	186	334	841	09/26/18	209	792	750	1	.	--	5.0	H
Selenium, in micrograms per liter	1999-2017	73	13	0 *	0.93	2.5	05/24/00	0 *	1.5	4.6	0	18.4	0	0.050	L
Selenium, in micrograms per liter	2018-2019	8	0	0.35	0.62	0.81	12/17/18	0.36	0.80	4.6	0	18.4	0	0.050	L
Benzene, unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	51.0	0	.	--	0.10	NC
Ethylbenzene, unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	2,100	0	.	--	0.10	NC
Methyl tert-butyl ether, unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	--	--	--	--	0.20	--
m-Xylene plus p-xylene, unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	--	--	.	--	0.20	--
Organic carbon, in milligrams per liter	1991-2017	88	0	3.9	6.2	16.2	02/06/17	4.5	9.5	--	--	.	--	0.23	--
Organic carbon, in milligrams per liter	2018-2019	8	0	3.9	7.4	25.4	02/05/19	4.0	20.5	--	--	.	--	0.23	--
o-Xylene, unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	--	--	.	--	0.10	--
Toluene,unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	--	--	.	--	0.10	--
Xylene (all isomers), unfiltered, in micrograms per liter	2008-2009	4	4	0 *	NC	0 *	03/26/08	NC	NC	1,400	0	--	--	0.20	NC
Uranium (natural), in micrograms per liter	1999-2017	73	0	2.6	3.6	4.2	08/18/17	3.3	3.9	30.0	0	.	--	0.010	L
Uranium (natural), in micrograms per liter	2018-2019	8	0	2.7	3.5	4.3	10/18/17	2.7	4.1	30.0	0	.	--	0.030	L
Suspended sediment, sieve diameter, percent smaller than 0.0625 millimeters	1993-2009	19	0	59.0	89.0	99.4	03/24/03	75.2	97.2	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	1990-2017	110	0	4	143	4,099	04/30/98	15	503	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	0	2	14	189	03/12/18	2	133	--	--	--	--	1.0	--