Table 8. Summary of measured constituents and properties for Cedar Creek near mouth, station 383041107544201

[--, 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; see Definition of Terms for explanation of standards, exceedances, and concern levels for dissolved oxygen, 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	1996-2017	49	0	8.4	27.5	199	07/10/97	16.8	165	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	8	0	13.5	43.1	85.0	10/11/17	14.1	84.3	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	1998-2017	19	0	7.7	8.6	11.4	12/12/13	7.8	10.7	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	8	0	7.5	9.7	12.2	12/04/18	7.7	11.9	5.0	0	--	--	--	L
pH, in standard units	1996-2017	49	0	7.9	8.3	8.6	11/16/99	8.1	8.4	6.5-9.0	0		--	--	L
pH, in standard units	2018-2019	8	0	8.1	8.3	8.4	09/17/18	8.1	8.4	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	1996-2000	24	0	7.2	7.9	8.1	12/11/95	7.5	8.0	6.5-9.0	0		--	--	L
Specific conductance, laboratory, in microsiemens per centimeter	1996-2014	26	0	621	2,695	3,200	02/15/96	737	3,036	--	--	.	--	5.0	--
Specific conductance, in microsiemens per centimeter	1996-2017	48	0	651	2,105	3,160	02/15/96	787	2,863	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	8	0	790	1,684	3,026	03/11/19	851	2,923	--	--	.	--	--	--
Temperature, water, degrees Celsius	1996-2017	49	0	0.0	6.6	18.1	07/11/13	1.2	15.0	--	--	--	--	--	--
Temperature, water, degrees Celsius	2018-2019	8	0	1.9	7.3	17.0	09/17/18	3.3	16.8	--	--	--	--	--	--
Temperature, water, degrees Celsius March-November	1996-2017	35	0	3.0	12.0	18.1	07/11/13	5.6	15.5	28.6	0	--	--	--	L
Temperature, water, degrees Celsius March-November	2018-2019	6	0	5.8	8.5	17.0	09/17/18	5.8	17.0	28.6	0	--	--	--	L
Temperature, water, degrees Celsius December-February	1996-2017	14	0	0.0	1.2	3.9	01/21/00	0.0	3.5	14.3	0	--	--	--	L
Temperature, water, degrees Celsius December-February	2018-2019	2	0	1.9	NC	6.3	02/05/18	NC	NC	14.3	0	--	--	--	NC
Turbidity, in nephlometric turbidity ratio-units	2013-2017	18	0	4.1	53.4	134.0	08/13/13	4.6	103.1	--	--	--	--	2.0	--
Turbidity, in nephlometric turbidity ratio-units	2018-2019	8	0	4.3	34.7	285.0	04/16/19	6.9	231.1	--	--	--	--	2.0	--
Residue, in milligrams per liter	1998	1	0	559	NC	559	05/21/98	NC	NC	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	1998	1	0	559	NC	559	05/21/98	NC	NC	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	1996-2017	42	0	413	1,502	2,608	02/15/96	538	2,334	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	8	0	539	1,281	2,451	03/11/19	591	2,376	--	--	.	--	--	--
Hardness, in milligrams per liter	1996-2017	42	0	254	876	1,376	12/05/96	319	1,256	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	333	734	1,283	03/11/19	367	1,268	--	--	.	--	--	--
Calcium, in milligrams per liter	1996-2017	42	0	69.4	217	320	12/05/96	81.8	276	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	80.4	166	282	12/04/18	92.5	275	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	1996-2017	42	0	19.5	81.0	160	03/13/96	26.6	139	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	32.2	78.6	152	03/11/19	33.1	144	--	--	.	--	0.011	--
Potassium, in milligrams per liter	1996-2017	42	0	2.4	4.7	11.3	01/27/99	2.7	7.4	--	--	.	--	0.10	--
Potassium, in milligrams per liter	2018-2019	8	0	2.8	4.7	7.7	03/11/19	2.9	7.2	--	--	.	--	0.30	--
Sodium, in milligrams per liter	1996-2017	42	0	34.0	150	350	01/27/99	48.0	279	--	--	.	--	0.10	--
Sodium, in milligrams per liter	2018-2019	8	0	54.1	139	289	03/11/19	54.2	271	--	--	.	--	0.40	--
Acid neutralizing capacity, in milligrams per liter	1996-1999	22	0	105	234	343	01/27/99	118	318	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2000-2014	3	0	146	NC	313	01/21/00	NC	NC	--	--	.	--	4.6	--
Alkalinity, inflection-point titration, in milligrams per liter	1998-2017	19	0	114	151	333	12/12/13	139	296	--	--	.	--	--	--
Alkalinity, inflection-point titration, in milligrams per liter	2018-2019	8	0	134	215	337	02/05/18	139	331	--	--	.	--	--	--

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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
Bicarbonate, in milligrams per liter	1998-2017	19	0	129	180	400	12/12/13	166	355	--	--	.	--	--	--
Bicarbonate, in milligrams per liter	2018-2019	8	0	161	257	402	02/05/18	167	395	--	--	.	--	--	--
Bromide, in micrograms per liter	1999-2000	2	0	0.134	NC	1.53	11/16/99	NC	NC	--	--	--	--	--	--
Carbonate, in milligrams per liter	1998-2017	19	0	0.40	1.9	4.8	05/21/98	0.90	2.9	--	--	.	--	--	--
Carbonate, in milligrams per liter	2018-2019	8	0	1.1	3.1	5.2	03/11/19	1.3	4.8	--	--	.	--	--	--
Chloride, in milligrams per liter	1996-2017	42	0	3.3	14.5	38.6	01/27/99	5.2	29.8	250	0	.	--	0.020	L
Chloride, in milligrams per liter	2018-2019	8	0	6.1	15.3	36.3	03/11/19	6.2	33.0	250	0	.	--	0.020	L
Fluoride in milligrams per liter	1996-2017	42	0	0.23	0.40	0.63	03/21/16	0.29	0.59	2.0	0	.	--	0.010	L
Fluoride in milligrams per liter	2018-2019	8	0	0.25	0.39	0.58	12/04/18	0.27	0.57	2.0	0	.	--	0.010	L
Silica, in milligrams per liter	1996-2017	42	0	10.9	15.8	23.4	11/10/98	12.4	18.8	--	--	.	--	0.018	--
Silica, in milligrams per liter	2018-2019	8	0	11.9	14.8	19.0	12/04/18	12.0	18.4	--	--	.	--	0.050	--
Sulfate, in milligrams per liter	1996-2017	43	0	209	907	1,600	02/15/96	286	1,415	250	40	.	--	0.020	H
Sulfate, in milligrams per liter	2018-2019	8	0	268	730	1,491	03/11/19	302	1,437	250	8	.	--	0.020	H
Ammonia plus organic nitrogen, in milligrams per liter as N	1998	1	0	0.334	NC	0.334	05/21/98	NC	NC	--	--	--	--	--	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	1998-2017	19	0	0.296	0.671	1.45	01/09/17	0.463	0.878	--	--	--	--	0.070	--
Ammonia plus organic nitrogen (total), in milligrams per liter as N	2018-2019	8	0	0.286	0.460	1.22	04/16/19	0.297	1.08	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	1998-2017	19	8	0 *	0.012	0.101	02/18/15	0 *	0.076	1.95	0	4.49	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	8	4	0 *	0.005	0.026	04/16/19	0 *	0.022	1.59	0	3.47	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	1998-2017	19	0	0.194	0.435	3.13	03/21/16	0.287	2.08	--	--	10.0	0	0.040	--
Nitrite plus nitrate in milligrams per liter as N	2018-2019	8	0	0.334	0.954	2.67	04/16/19	0.337	2.37	--	--	10.0	0	0.040	--
Nitrite, in milligrams per liter as N	1998-2017	19	0	0.001	0.006	0.015	05/21/98	0.002	0.012	--	--	0.05	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	8	0	0.002	0.005	0.015	03/11/19	0.002	0.015	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	1998-2017	19	0	0.005	0.016	0.173	07/11/13	0.006	0.078	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	8	0	0.005	0.011	0.026	07/24/19	0.005	0.021	--	--	--	--	0.0040	--
Phosphorus, in milligrams per liter as P	1998	1	0	0.059	NC	0.059	05/21/98	NC	NC	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter as P	1998-2017	19	0	0.013	0.178	0.514	07/11/13	0.102	0.359	0.17	10	--	--	0.0040	H
Phosphorus (total), in milligrams per liter as P	2018-2019	8	0	0.010	0.094	0.399	04/16/19	0.015	0.388	0.17	3	--	--	0.0040	M
Aluminum, in micrograms per liter	1999	1	1	0 *	NC	0 *	03/09/99	NC	NC	1,438	0	10,071	0	--	NC
Barium, in micrograms per liter	1999	1	0	32.0	NC	32.0	03/09/99	NC	NC	--	--	.	--	--	--
Cadmium, in micrograms per liter	1997-1999	2	2	0 *	NC	0 *	08/12/97	NC	NC	2.0	0	10.0	0	--	NC
Cadmium (total), in micrograms per liter	1997	1	0	2.9	NC	2.9	08/12/97	NC	NC	--	--	.	--	--	--
Chromium, in micrograms per liter	1997-1999	2	2	0 *	NC	0 *	08/12/97	NC	NC	--	--	.	--	--	--
Chromium (total), in micrograms per liter	1997	1	0	23.8	NC	23.8	08/12/97	NC	NC	--	--	.	--	--	--
Cobalt, in micrograms per liter	1999	1	1	0 *	NC	0 *	03/09/99	NC	NC	--	--	.	--	--	--
Copper, in micrograms per liter	1997-1999	2	0	1.2	NC	5.0	03/09/99	NC	NC	29.3	0	49.6	0	--	NC
Copper, unfiltered, in micrograms per liter	1997	1	0	35.5	NC	35.5	08/12/97	NC	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
Iron, in micrograms per liter	1997-1998	2	2	0 *	NC	0 *	08/12/97	NC	NC	300	0	.	--	--	NC
Iron, unfiltered, in micrograms per liter	1997	1	0	34,600	NC	34,600	08/12/97	NC	NC	1,400	1	.	--	--	NC
Lead, in micrograms per liter	1997-1999	2	2	0 *	NC	0 *	08/12/97	NC	NC	10.9	0	281	0	--	NC
Lead, unfiltered, in micrograms per liter	1997	1	0	43.9	NC	43.9	08/12/97	NC	NC	--	--	.	--	--	--
Manganese, in micrograms per liter	1997-1999	3	0	9.5	NC	52.5	03/09/99	NC	NC	2,618	0	4,738	0	--	NC
Manganese, unfiltered, in micrograms per liter	1997	1	0	596	NC	596	08/12/97	NC	NC	--	--	.	--	--	--
Mercury, in micrograms per liter	1997	1	1	0 *	NC	0 *	08/12/97	NC	NC	--	--	.	--	--	--
Molybdenum, in micrograms per liter	1999	1	0	6.19	NC	6.19	03/09/99	NC	NC	--	--	--	--	--	--
Nickel, in micrograms per liter	1997-1999	2	0	1.4	NC	10.4	03/09/99	NC	NC	168	0	1,513	0	--	NC
Nickel, unfiltered, in micrograms per liter	1997	1	0	47.1	NC	47.1	08/12/97	NC	NC	--	--	.	--	--	--
Silver, in micrograms per liter	1999	1	1	0 *	NC	0 *	03/09/99	NC	NC	3.5	0	22.0	0	--	NC
Vanadium, in micrograms per liter	1997-1999	2	0	1.63	NC	2.57	08/12/97	NC	NC	--	--	--	--	--	--
Zinc, in micrograms per liter	1997-1999	2	0	5.2	NC	5.6	08/12/97	NC	NC	428	0	564	0	--	NC
Zinc, unfiltered, in micrograms per liter	1997	1	0	177	NC	177	08/12/97	NC	NC	--	--	.	--	--	--
Antimony, in micrograms per liter	1999	1	1	0 *	NC	0 *	03/09/99	NC	NC	--	--	--	--	--	--
Arsenic, in micrograms per liter	1997-1999	2	1	0 *	NC	1.9	03/09/99	NC	NC	--	--	340	0	--	--
Arsenic (total), in micrograms per liter	1997	1	0	4.0	NC	4.0	08/12/97	NC	NC	0.020	1	.	--	--	NC
Boron, in micrograms per liter	1999	1	0	364	NC	364	03/09/99	NC	NC	750	0	.	--	--	NC
Selenium, in micrograms per liter	1996-2017	48	0	4.9	19.6	43.0	03/13/96	7.0	34.1	4.6	48	18.4	24	0.050	H
Selenium, in micrograms per liter	2018-2019	8	0	6.4	15.9	38.6	03/11/19	6.8	35.3	4.6	8	18.4	4	0.050	H
Selenium (total), in micrograms per liter	1997	2	0	13.0	NC	33.0	03/11/97	NC	NC	--	--	.	--	--	--
Organic carbon, in milligrams per liter	1998	1	0	4.5	NC	4.5	05/21/98	NC	NC	--	--	.	--	--	--
Uranium (natural), in micrograms per liter	1999	1	0	32.0	NC	32.0	03/09/99	NC	NC	--	--	.	--	--	--
Suspended sediment, in milligrams per liter	1998-2017	19	0	7	120	503	05/21/98	11	258	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	0	10	69	550	04/16/19	23	455	--	--	--	--	1.0	--