

Table 17. Summary of measured constituents and properties for Little Thompson River at Co. Highway 257 at Milliken, Co., station 06743470
 [--, 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	2014-2017	12	0	4.5	15.1	141	05/23/17	7.0	36.0	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	26	0	8.6	19.5	63.5	07/23/19	13.3	35.9	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2014-2017	12	0	5.7	6.8	11.2	02/06/17	5.8	10.7	5.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	26	0	6.3	7.9	11.2	02/12/19	6.6	10.2	5.0	0	--	--	--	L
pH, in standard units	2014-2017	12	0	7.7	8.0	8.2	02/06/17	7.8	8.2	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	26	0	7.7	8.1	8.3	03/07/18	7.9	8.2	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	2014-2017	12	0	582	1,489	2,393	02/06/17	1,311	2,340	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	26	0	868	1,738	2,478	03/05/19	1,241	2,366	--	--	.	--	--	--
Temperature, Degrees Celsius	2014-2017	12	0	5.1	15.0	19.1	07/12/17	5.7	19.1	--	--	--	--	--	--
Temperature, Degrees Celsius	2018-2019	26	0	0.2	15.3	20.3	07/10/18	3.8	19.6	--	--	--	--	--	--
Temperature, Degrees Celsius March-November	2014-2017	11	0	5.1	16.2	19.1	07/12/17	8.7	19.1	29.0	0	--	--	--	L
Temperature, Degrees Celsius March-November	2018-2019	24	0	0.2	15.6	20.3	07/10/18	7.2	19.7	29.0	0	--	--	--	L
Temperature, Degrees Celsius December-February	2017	1	0	5.7	NC	5.7	02/06/17	NC	NC	14.5	0	--	--	--	NC
Temperature, Degrees Celsius December-February	2018-2019	2	0	0.7	NC	3.4	02/07/18	NC	NC	14.5	0	--	--	--	NC
Turbidity, in nephelometric turbidity ratio-units	2017	8	0	5.5	36.7	113.0	07/12/17	5.7	94.4	--	--	--	--	--	--
Turbidity, in nephelometric turbidity ratio-units	2018-2019	20	0	3.3	14.2	101.0	08/13/19	4.5	87.9	--	--	--	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2017	8	0	1,043	1,277	2,044	02/06/17	1,066	2,020	--	--	.	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2018-2019	20	0	604	1,616	2,106	03/07/18	928	2,011	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2017	8	0	940	1,212	1,768	02/06/17	959	1,753	--	--	.	--	--	--
Dissolved solids, sum of constituents, in milligrams per liter	2018-2019	20	0	574	1,476	1,865	03/05/19	855	1,840	--	--	.	--	--	--
Hardness, in milligrams per liter	2017	8	0	556	709	1,065	03/08/17	574	1,060	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	20	0	352	873	1,111	04/09/19	527	1,088	--	--	.	--	--	--
Calcium, in milligrams per liter	2017	8	0	113	140	198	03/08/17	116	197	--	--	.	--	--	--
Calcium, in milligrams per liter	2018-2019	20	0	72.7	167	205	03/07/18	110	201	--	--	.	--	--	--
Magnesium, in milligrams per liter	2017	8	0	66.5	87.4	139	03/08/17	68.0	138	--	--	.	--	--	--
Magnesium, in milligrams per liter	2018-2019	20	0	41.2	111	147	04/09/19	63.4	143	--	--	.	--	--	--
Potassium, in milligrams per liter	2017	8	0	4.5	4.9	7.2	05/10/17	4.5	6.9	--	--	.	--	--	--
Potassium, in milligrams per liter	2018-2019	20	0	3.2	4.7	5.9	11/08/17	4.0	5.2	--	--	.	--	--	--
Sodium, in milligrams per liter	2017	8	0	89.7	131	199	03/08/17	92.5	194	--	--	.	--	--	--
Sodium, in milligrams per liter	2018-2019	20	0	55.5	144	202	03/07/18	86.8	192	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2017	8	0	205	240	333	02/06/17	208	326	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2018-2019	20	0	128	269	328	11/06/18	186	312	--	--	.	--	--	--
Chloride, in milligrams per liter	2017	8	0	23.1	31.6	41.7	05/10/17	23.7	40.5	--	--	.	--	--	--
Chloride, in milligrams per liter	2018-2019	20	0	18.4	34.8	53.3	03/05/19	23.5	39.7	--	--	.	--	--	--
Sulfate, in milligrams per liter	2017	8	0	499	619	986	02/06/17	499	968	--	--	.	--	--	--
Sulfate, in milligrams per liter	2018-2019	20	0	297	827	1,076	03/05/19	450	1,041	--	--	.	--	--	--

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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
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N	2014-2017	12	0	1.30	2.22	4.14	02/06/17	1.39	3.60	--	--	--	--	--	--
Ammonia plus organic nitrogen, unfiltered, in milligrams per liter as N	2018-2019	26	0	1.09	1.70	4.91	03/05/19	1.33	3.26	--	--	--	--	--	--
Ammonia, in milligrams per liter as N	2014-2017	12	0	0.139	1.03	3.37	02/06/17	0.295	1.85	2.17	2	5.74	0	--	M
Ammonia, in milligrams per liter as N	2018-2019	26	0	0.272	0.667	3.31	03/05/19	0.337	1.66	1.95	3	5.00	0	--	M
Nitrite plus nitrate, in milligrams per liter as N	2014-2017	12	0	1.12	4.77	12.0	04/12/17	3.34	8.93	--	--	100	0	--	--
Nitrite plus nitrate, in milligrams per liter as N	2018-2019	26	0	1.84	4.38	8.30	08/13/19	3.29	5.09	--	--	100	0	--	--
Orthophosphate, in milligrams per liter as P	2014-2017	12	0	0.072	0.181	0.350	04/12/17	0.088	0.338	--	--	--	--	--	--
Orthophosphate, in milligrams per liter as P	2018-2019	26	0	0.101	0.199	0.324	06/18/18	0.134	0.261	--	--	--	--	--	--
Phosphorus, in milligrams per liter as P	2014-2017	12	0	0.091	0.198	0.370	04/12/17	0.098	0.370	--	--	--	--	--	--
Phosphorus, in milligrams per liter as P	2018-2019	26	0	0.112	0.231	0.328	06/18/18	0.125	0.294	--	--	--	--	--	--
Phosphorus, unfiltered, in milligrams per liter as P	2014-2017	12	0	0.191	0.426	0.887	04/12/17	0.340	0.632	--	--	--	--	--	--
Phosphorus, unfiltered, in milligrams per liter as P	2018-2019	26	0	0.178	0.480	1.36	05/21/18	0.377	0.610	--	--	--	--	--	--
Copper, in micrograms per liter	2017	8	1	0 *	1.6	2.3	04/12/17	0.43	2.2	29.3	0	49.6	0	--	L
Copper, in micrograms per liter	2018-2019	20	7	0 *	1.1	3.2	02/07/18	0 *	1.7	29.3	0	49.6	0	--	L
Iron, in micrograms per liter	2017	8	3	0 *	10.7	15.3	03/08/17	0 *	14.5	--	--	.	--	--	--
Iron, in micrograms per liter	2018-2019	20	16	0 *	0 *	136	06/10/19	0 *	39.9	--	--	.	--	--	--
Lead, in micrograms per liter	2017	8	5	0 *	0 *	0.13	08/09/17	0 *	0.097	10.9	0	281	0	--	L
Lead, in micrograms per liter	2018-2019	20	14	0 *	0 *	0.11	06/10/19	0 *	0.078	10.9	0	281	0	--	L
Manganese, in micrograms per liter	2017	8	0	61.4	118	218	05/10/17	71.1	212	2,618	0	4,738	0	--	L
Manganese, in micrograms per liter	2018-2019	20	0	53.8	103	289	04/09/19	61.0	174	2,618	0	4,738	0	--	L
Nickel, in micrograms per liter	2017	8	1	0 *	1.4	1.9	05/10/17	0.43	1.8	168	0	1,513	0	--	L
Nickel, in micrograms per liter	2018-2019	20	3	0 *	1.2	1.6	05/08/18	0.13	1.5	168	0	1,513	0	--	L
Silver, in micrograms per liter	2017	8	8	0 *	0 *	0 *	02/06/17	0 *	0 *	3.5	0	22.0	0	--	L
Silver, in micrograms per liter	2018-2019	20	20	0 *	0 *	0 *	10/11/17	0 *	0 *	3.5	0	22.0	0	--	L
Arsenic, in micrograms per liter	2017	8	0	0.92	1.3	1.9	07/12/17	0.99	1.8	--	--	340	0	--	--
Arsenic, in micrograms per liter	2018-2019	20	0	0.79	1.2	1.6	07/10/18	0.95	1.4	--	--	340	0	--	--
Ethylbenzene (total), in micrograms per liter	2014	1	1	0 *	NC	0 *	10/25/13	NC	NC	530	0	.	--	--	NC
m- + p-Xylene (total) in micrograms per liter	2014	1	1	0 *	NC	0 *	10/25/13	NC	NC	1,400	0	.	--	--	NC
Organic carbon (total), in milligrams per liter	2017	11	0	5.7	6.5	16.2	05/23/17	5.9	11.9	--	--	.	--	--	--
Organic carbon (total), in milligrams per liter	2018-2019	26	0	4.8	6.6	9.6	07/08/19	5.1	7.3	--	--	.	--	--	--
o-Xylene (total), in micrograms per liter	2014	1	1	0 *	NC	0 *	10/25/13	NC	NC	1,400	0	.	--	--	NC
Toluene (total), in micrograms per liter	2014	1	1	0 *	NC	0 *	10/25/13	NC	NC	510	0	.	--	--	NC