

Table 6. Summary of measured constituents and properties for Taylor River at Taylor Park, station 09107000

[--, 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	1994-2017	168	0	13.2	61.7	1,050	07/13/95	36.0	307	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2018-2019	12	0	25.0	48.4	467	06/06/19	28.8	249	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2007-2017	61	0	7.2	9.5	11.6	12/02/13	8.2	10.6	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2018-2019	11	0	7.9	9.6	10.2	11/14/17	8.1	10.2	6.0	0	--	--	--	L
pH, in standard units	2007-2017	62	0	7.3	8.2	8.8	03/07/07	7.8	8.5	6.5-9.0	0	--	--	--	L
pH, in standard units	2018-2019	12	0	7.2	8.2	8.7	02/19/19	7.6	8.6	6.5-9.0	0	--	--	--	L
Specific conductance, in microsiemens per centimeter	1994-2017	167	0	60.0	115	138	07/17/02	80.1	125	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2018-2019	12	0	71.0	124	135	07/17/18	77.7	129	--	--	.	--	--	--
Temperature, degrees Celsius	1994-2017	169	0	-0.2	4.3	18.0	06/18/02	0.0	10.6	--	--	--	--	--	--
Temperature, degrees Celsius	2018-2019	12	0	0.0	3.8	13.1	08/15/18	1.6	11.4	--	--	--	--	--	--
Temperature, degrees Celsius June-September	1994-2017	64	0	2.3	9.9	18.0	06/18/02	6.4	13.8	21.7	0	--	--	--	L
Temperature, degrees Celsius June-September	2018-2019	5	0	3.7	NC	13.1	08/15/18	NC	NC	21.7	0	--	--	--	NC
Temperature, degrees Celsius October-May	1994-2017	105	0	-0.2	1.5	11.6	05/28/03	0.0	5.9	13.0	0	--	--	--	L
Temperature, degrees Celsius October-May	2018-2019	7	0	0.0	3.0	4.7	05/15/18	0.3	4.5	13.0	0	--	--	--	L
Turbidity, in nephelometric turbidity ratio-units	2007-2017	42	19	0 *	1.3	6.7	05/20/08	0 *	3.0	--	--	--	--	2.0	--
Turbidity, in nephelometric turbidity ratio-units	2018-2019	8	3	0 *	2.4	6.5	06/06/19	0 *	6.5	--	--	--	--	2.0	--
Residue, in milligrams per liter	2010-2012	13	0	41.5	72.0	84.7	10/14/09	46.0	82.0	--	--	.	--	20.0	--
Dissolved solids, sum of constituents, in milligrams per liter	2011-2012	2	0	44.0	NC	78.5	08/02/12	NC	NC	--	--	.	--	--	--
Hardness, in milligrams per liter	2007-2017	43	0	27.3	51.3	63.9	11/27/12	35.5	57.0	--	--	.	--	--	--
Hardness, in milligrams per liter	2018-2019	8	0	31.5	54.8	60.9	07/17/18	31.8	60.0	--	--	.	--	--	--
Calcium, in milligrams per liter	2007-2017	43	0	7.8	14.9	18.6	11/27/12	10.1	16.4	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2018-2019	8	0	9.0	15.9	17.8	07/17/18	9.0	17.4	--	--	.	--	0.022	--
Magnesium, in milligrams per liter	2007-2017	43	0	1.9	3.5	4.2	11/27/12	2.5	3.9	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2018-2019	8	0	2.2	3.6	4.0	11/14/17	2.2	4.0	--	--	.	--	0.010	--
Potassium, in milligrams per liter	2011-2013	3	0	0.31	NC	0.63	08/02/12	NC	NC	--	--	.	--	0.030	--
Sodium, in milligrams per liter	2011-2013	3	0	1.3	NC	3.2	08/02/12	NC	NC	--	--	.	--	0.060	--
Alkalinity, in milligrams per liter	2011-2012	2	0	30.1	NC	56.0	08/02/12	NC	NC	--	--	.	--	4.6	--
Chloride, in milligrams per liter	2011-2013	3	0	0.19	NC	0.31	08/02/12	NC	NC	250	0	.	--	0.060	NC
Fluoride, in milligrams per liter	2011-2012	2	0	0.14	NC	0.19	08/02/12	NC	NC	--	--	.	--	0.040	--
Silica, in milligrams per liter	2011-2012	2	0	6.8	NC	9.2	08/02/12	NC	NC	--	--	.	--	0.018	--
Sulfate, in milligrams per liter	2011-2013	3	0	6.7	NC	11.9	09/05/13	NC	NC	250	0	.	--	0.090	NC
Ammonia plus organic nitrogen in milligrams per liter as N	2007-2017	62	10	0 *	0.116	0.358	05/20/08	0 *	0.181	--	--	--	--	0.070	--
Ammonia plus organic nitrogen in milligrams per liter as N	2018-2019	12	4	0 *	0.090	0.341	04/24/19	0 *	0.324	--	--	--	--	0.070	--
Ammonia, in milligrams per liter as N	2007-2017	63	58	0 *	0 *	0.017	08/12/08	0 *	0 *	1.97	0	4.64	0	0.010	L
Ammonia, in milligrams per liter as N	2018-2019	12	12	0 *	0 *	0 *	11/14/17	0 *	0 *	2.28	0	5.96	0	0.010	L
Nitrite plus nitrate in milligrams per liter as N	2007-2017	63	27	0 *	0.010	0.060	12/08/10	0 *	0.036	--	--	10.0	0	0.010	--

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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	Level of concern	LRL
Nitrite plus nitrate in milligrams per liter as N	2018-2019	12	8	0 *	0 *	0.051	01/17/18	0 *	0.021	--	--	10.0	0	0.010	--
Nitrite, in milligrams per liter as N	2007-2017	63	57	0 *	0 *	0.002	12/08/10	0 *	0 *	--	--	0.05	0	0.0010	--
Nitrite, in milligrams per liter as N	2018-2019	12	11	0 *	0 *	0.001	01/17/18	0 *	0.0001	--	--	0.05	0	0.0010	--
Orthophosphate, in milligrams per liter as P	2007-2017	63	33	0 *	0 *	0.009	04/29/11	0 *	0.007	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter as P	2018-2019	12	8	0 *	0 *	0.006	04/24/19	0 *	0.006	--	--	--	--	0.0040	--
Phosphorus (total), in milligrams per liter as P	2007-2017	63	0	0.005	0.011	0.064	05/20/08	0.007	0.020	0.11	0	--	--	0.0040	L
Phosphorus (total), in milligrams per liter as P	2018-2019	12	0	0.005	0.009	0.066	06/06/19	0.005	0.042	0.11	0	--	--	0.0040	L
Total nitrogen (total), in milligrams per liter	2013	1	0	0.091	NC	0.091	09/05/13	NC	NC	--	--	--	--	0.050	--
<i>Escherichia coli</i> , in colonies per 100 milliliters	2007-2017	61	24	1	2	120	08/02/12	--	3 **	126	0	--	--	1	L
<i>Escherichia coli</i> , in colonies per 100 milliliters	2018-2019	11	5	1	7	110	07/17/18	--	6 **	126	0	--	--	1	L
Biomass periphyton, ashfree drymass, in grams per square meter	2007-2017	10	2	0 *	9.05	52.9	10/06/15	0 *	29.3	--	--	--	--	0.10	--
Biomass periphyton, ashfree drymass, in grams per square meter	2019	2	0	15.2	NC	20.0	09/04/19	NC	NC	--	--	--	--	0.70	--
Periphyton, biomass, ash weight, in grams per square meter	2007-2017	10	0	152	269	595	10/06/15	158	513	--	--	--	--	0.10	--
Periphyton, biomass, ash weight, in grams per square meter	2019	2	0	143	NC	143	10/23/18	NC	NC	--	--	--	--	0.70	--
Periphyton, biomass, dry weight, in grams per square meter	2007-2017	10	0	155	279	648	10/06/15	163	539	--	--	--	--	0.10	--
Periphyton, biomass, dry weight, in grams per square meter	2019	2	0	158	NC	163	09/04/19	NC	NC	--	--	--	--	0.70	--
Chlorophyll a, periphyton, chromofluoro, in milligrams per square meter	2007-2017	9	0	4.25	12.5	25.5	09/23/09	4.51	23.9	150	0	--	--	0.10	L
Chlorophyll a, periphyton, chromofluoro, in milligrams per square meter	2019	2	0	29.2	NC	35.7	10/23/18	NC	NC	150	0	--	--	0.10	NC
Pheophytin a, periphyton, in milligrams per square meter	2007-2017	9	0	2.02	5.71	11.4	10/12/11	2.68	10.6	--	--	--	--	0.10	--
Pheophytin a, periphyton, in milligrams per square meter	2019	2	0	7.20	NC	7.32	09/04/19	NC	NC	--	--	--	--	0.10	--
Aluminum, in micrograms per liter	2007-2017	42	0	2.4	6.6	71.5	06/11/13	3.4	30.2	--	--	--	--	3.0	--
Aluminum, in micrograms per liter	2018-2019	8	4	0 *	1.5	39.9	06/06/19	0 *	35.7	--	--	--	--	3.0	--
Aluminum (total), in micrograms per liter	2011-2017	27	0	13.4	46.2	346	05/21/14	27.1	110	206	1	1,444	0	3.0	L
Aluminum (total), in micrograms per liter	2018-2019	8	0	14.0	28.9	416	06/06/19	14.2	335	206	1	1,444	0	3.0	L
Cadmium, in micrograms per liter	2007-2017	42	30	0 *	0 *	0.030	04/11/07	0 *	0.020	0.45	0	1.00	0	0.030	L
Cadmium, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	11/14/17	0 *	0 *	0.45	0	1.00	0	0.030	L
Copper, in micrograms per liter	2007-2017	42	23	0 *	0 *	7.3	04/11/07	0 *	1.1	5.2	1	7.4	0	0.20	L
Copper, in micrograms per liter	2018-2019	8	0	0.55	0.78	1.6	06/06/19	0.56	1.6	5.2	0	7.4	0	0.40	L
Iron, in micrograms per liter	2007-2017	42	0	32.6	114	255	04/26/16	56.7	191	300	0	.	--	10.0	M
Iron, in micrograms per liter	2018-2019	8	0	48.8	116	279	04/24/19	50.9	226	300	0	.	--	10.0	M
Lead, in micrograms per liter	2007-2017	42	6	0 *	0.069	0.35	01/17/07	0.010	0.16	1.3	0	32.3	0	0.020	L
Lead, in micrograms per liter	2018-2019	8	2	0 *	0.045	0.10	06/06/19	0 *	0.094	1.3	0	32.3	0	0.020	L
Manganese, in micrograms per liter	2007-2017	42	0	3.6	7.4	16.1	05/20/08	4.6	11.3	1,338	0	2,421	0	0.40	L
Manganese, in micrograms per liter	2018-2019	8	0	4.1	5.6	28.3	04/24/19	4.3	23.5	1,338	0	2,421	0	0.40	L
Silver, in micrograms per liter	2007-2017	42	40	0 *	0 *	0.007	06/11/13	0 *	0 *	0.025	0	0.69	0	1.0	L
Silver, in micrograms per liter	2018-2019	8	8	0 *	0 *	0 *	11/14/17	0 *	0 *	0.025	0	0.69	0	1.0	L

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Zinc, in micrograms per liter	2007-2017	42	24	0 *	0 *	13.5	04/11/07	0 *	2.8	68.4	0	90.3	0	2.0	L
Zinc, in micrograms per liter	2018-2019	8	7	0 *	0 *	2.0	06/06/19	0 *	1.3	68.4	0	90.3	0	2.0	L
Organic carbon, in milligrams per liter	2007-2017	41	0	0.69	1.5	4.5	05/20/08	0.81	3.4	--	--	.	--	0.23	--
Organic carbon, in milligrams per liter	2018-2019	8	0	0.83	1.3	4.4	06/06/19	0.89	4.2	--	--	.	--	0.23	--
Suspended sediment, in milligrams per liter	2007-2017	44	1	0 *	3	26	05/20/08	1	6	--	--	--	--	1.0	--
Suspended sediment, in milligrams per liter	2018-2019	8	1	0 *	3	29	06/06/19	0	23	--	--	--	--	1.0	--