Table 8. Summary of measured constituents and properties for Big Thompson River at Whispering Pines, station 402249105282000

[--, 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	2000-2013	186	0	16.9	97.7	882	06/08/10	23.9	215	--	--	.	--	--	--
Instantaneous discharge, in cubic feet per second	2014-2015	27	0	24.8	118	491	05/29/14	26.7	138	--	--	.	--	--	--
Dissolved oxygen, in milligrams per liter	2000-2013	184	0	6.9	9.3	13.0	03/12/01	7.6	11.2	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2014-2015	27	0	7.6	9.1	11.8	02/12/14	7.8	10.7	6.0	0	--	--	--	L
pH, in standard units	2000-2013	185	0	6.9	7.9	10.0	04/05/10	7.5	8.7	6.5-9.0	15		--	--	L
pH, in standard units	2014-2015	27	0	6.8	7.6	8.8	03/12/14	7.1	8.0	6.5-9.0	0		--	--	L
pH, laboratory, in standard units	2000-2009	88	0	6.7	7.6	9.3	04/15/02	7.2	7.9	6.5-9.0	2		--	0.10	L
Specific conductance, in microsiemens per centimeter	2000-2013	186	0	20.0	56.0	123	04/15/03	31.0	79.0	--	--	.	--	--	--
Specific conductance, in microsiemens per centimeter	2014-2015	27	0	32.0	57.0	117	12/11/13	36.0	101	--	--	.	--	--	--
Temperature, Degrees Celsius	2000-2013	186	0	0.0	9.0	19.6	07/23/12	2.3	16.6	--	--	--	--	--	--
Temperature, Degrees Celsius	2014-2015	27	0	0.0	9.6	17.9	07/22/14	4.2	15.9	--	--	--	--	--	--
Temperature, Degrees Celsius April-October	2000-2013	130	0	4.0	11.5	19.6	07/23/12	7.8	17.5	23.9	0	--	--	--	L
Temperature, Degrees Celsius April-October	2014-2015	20	0	4.5	11.2	17.9	07/22/14	7.3	17.3	23.9	0	--	--	--	L
Temperature, Degrees Celsius November-March	2001-2013	56	0	0.0	2.3	7.5	11/05/01	0.5	4.9	13.0	0	--	--	--	L
Temperature, Degrees Celsius November-March	2014-2015	7	0	0.0	4.2	5.9	03/12/14	0.3	5.8	13.0	0	--	--	--	L
Turbidity, in nephlometric turbidity ratio-units	2005-2013	105	45	0 *	1.4	20.6	06/08/10	0 *	2.8	--	--	--	--	2.0	--
Turbidity, in nephlometric turbidity ratio-units	2014-2015	20	3	0 *	3.3	12.9	10/21/13	0.3	6.5	--	--	--	--	--	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2000-2013	167	2	0 *	43.6	170	11/05/01	27.6	56.5	--	--	.	--	20.0	--
Dissolved solids dried at 180 degrees C, in milligrams per liter	2014-2015	20	1	0 *	43.3	77.8	10/21/13	27.7	68.6	--	--	.	--	--	--
Calcium, in milligrams per liter	2000-2013	168	0	1.8	6.0	10.8	04/15/03	3.1	8.0	--	--	.	--	0.022	--
Calcium, in milligrams per liter	2014-2015	20	0	2.8	5.9	10.6	11/12/13	3.5	9.9	--	--	.	--	--	--
Magnesium, in milligrams per liter	2000-2013	168	0	0.44	1.3	2.9	04/15/03	0.72	1.7	--	--	.	--	0.011	--
Magnesium, in milligrams per liter	2014-2015	20	0	0.68	1.4	2.9	11/12/13	0.89	2.3	--	--	.	--	--	--
Potassium, in milligrams per liter	2002-2013	144	0	0.35	0.84	6.4	09/11/13	0.50	1.1	--	--	.	--	0.030	--
Potassium, in milligrams per liter	2014-2015	20	0	0.48	0.88	1.1	03/12/14	0.55	1.0	--	--	.	--	--	--
Sodium, in milligrams per liter	2000-2013	168	0	1.1	3.1	7.6	04/15/03	1.9	4.5	--	--	.	--	0.060	--
Sodium, in milligrams per liter	2014-2015	20	0	1.9	3.8	6.4	11/12/13	2.3	5.7	--	--	.	--	--	--
Alkalinity, in milligrams per liter	2002-2013	144	0	7.8	22.3	32.8	04/05/10	11.4	29.2	--	--	.	--	4.6	--
Alkalinity, in milligrams per liter	2014-2015	20	0	10.9	21.8	32.6	03/12/14	12.6	29.9	--	--	.	--	--	--
Chloride, in milligrams per liter	2000-2013	168	1	0 *	2.0	12.7	04/15/03	1.1	3.6	250	0	.	--	0.060	L
Chloride, in milligrams per liter	2014-2015	20	0	1.6	3.5	10.7	11/12/13	2.2	9.0	250	0	.	--	--	L
Sulfate, in milligrams per liter	2000-2013	167	6	0 *	3.4	7.9	04/15/03	2.0	4.7	250	0	.	--	0.090	L
Sulfate, in milligrams per liter	2014-2015	20	0	1.8	3.5	5.9	10/21/13	2.1	5.6	250	0	.	--	--	L
Ammonia plus organic nitrogen in milligrams per liter	2000-2013	186	0	0.171	0.313	1.32	09/11/13	0.243	0.439	--	--	--	--	0.070	--
Ammonia plus organic nitrogen in milligrams per liter	2014-2015	27	0	0.197	0.322	0.592	09/08/15	0.228	0.444	--	--	--	--	--	--
Ammonia nitrogen, in milligrams per liter	2000-2013	186	24	0 *	0.028	0.422	07/28/10	0.008	0.160	2.52	1	7.25	0	0.010	L

Table 8. Summary of measured constituents and properties for Big Thompson River at Whispering Pines, station 402249105282000

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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 nitrogen, in milligrams per liter	2014-2015	27	5	0 *	0.029	0.270	07/06/15	0 *	0.139	3.88	0	12.9	0	--	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2000-2013	186	0	0.026	0.213	0.766	03/25/03	0.104	0.433	--	--	10.0	0	0.010	--
Nitrite plus nitrate nitrogen, in milligrams per liter	2014-2015	27	0	0.204	0.341	0.707	02/12/14	0.229	0.567	--	--	10.0	0	--	--
Orthophosphate, in milligrams per liter	2000-2013	185	4	0 *	0.036	0.215	01/08/09	0.009	0.091	--	--	--	--	0.0040	--
Orthophosphate, in milligrams per liter	2014-2015	27	0	0.013	0.050	0.121	02/09/15	0.023	0.098	--	--	--	--	--	--
Phosphorus, in milligrams per liter	2000-2013	185	0	0.005	0.044	0.233	01/08/09	0.016	0.102	--	--	--	--	0.0030	--
Phosphorus, in milligrams per liter	2014-2015	27	0	0.019	0.059	0.130	02/09/15	0.035	0.110	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter	2000-2013	185	0	0.012	0.062	0.347	09/11/13	0.033	0.128	0.11	42	--	--	0.0040	M
Phosphorus (total), in milligrams per liter	2014-2015	27	0	0.036	0.065	0.143	02/09/15	0.048	0.117	0.11	5	--	--	--	M
Cadmium, in micrograms per liter	2011-2013	28	28	0 *	0 *	0 *	02/16/11	0 *	0 *	0.14	0	0.48	0	0.016	L
Cadmium, in micrograms per liter	2014-2015	20	20	0 *	0 *	0 *	10/21/13	0 *	0 *	0.14	0	0.48	0	--	L
Copper, in micrograms per liter	2000-2013	168	25	0 *	1.0	8.2	01/09/07	0.20	2.3	2.6	21	3.4	6	0.80	M
Copper, in micrograms per liter	2014-2015	20	1	0 *	1.2	28.3	11/12/13	0.90	2.6	2.6	3	3.4	2	--	H
Iron, in micrograms per liter	2000-2013	168	15	0 *	49.9	248	11/14/12	26.7	87.1	300	0	.	--	4.0	L
Iron, in micrograms per liter	2014-2015	20	0	48.8	101	1,080	10/21/13	58.4	288	300	2	.	--	--	M
Lead, in micrograms per liter	2000-2013	168	59	0 *	0.041	0.27	01/14/03	0 *	0.082	0.50	0	12.8	0	0.025	L
Lead, in micrograms per liter	2014-2015	20	9	0 *	0.046	0.53	10/21/13	0 *	0.12	0.50	1	12.8	0	--	L
Manganese, in micrograms per liter	2000-2013	168	18	0 *	4.2	19.9	01/14/03	2.2	6.8	1,015	0	1,837	0	0.15	L
Manganese, in micrograms per liter	2014-2015	20	0	3.0	10.7	106	10/21/13	6.4	18.3	1,015	0	1,837	0	--	L
Mercury, in nanograms per liter	2005-2007	6	0	0.80	2.6	4.7	06/07/05	0.82	4.6	10.0	0	.	--	0.40	L
Nickel, in micrograms per liter	2000-2013	168	25	0 *	0.28	2.0	11/16/04	0.015	0.48	15.1	0	136	0	0.090	L
Nickel, in micrograms per liter	2014-2015	20	3	0 *	0.30	1.6	05/12/15	0.035	0.41	15.1	0	136	0	--	L
Silver, in micrograms per liter	2000-2013	168	166	0 *	0 *	0.026	06/08/10	0 *	0 *	0.006	1	0.17	0	0.0050	L
Silver, in micrograms per liter	2014-2015	20	20	0 *	0 *	0 *	10/21/13	0 *	0 *	0.006	0	0.17	0	--	L
Zinc, in micrograms per liter	2011-2013	28	11	0 *	1.7	5.6	03/13/12	0 *	2.7	32.2	0	42.5	0	1.4	L
Zinc, in micrograms per liter	2014-2015	20	7	0 *	2.5	5.1	07/06/15	0 *	4.0	32.2	0	42.5	0	--	L
Arsenic, in micrograms per liter	2000-2013	168	30	0 *	0.17	0.35	09/11/13	0 *	0.22	--	--	340	0	0.040	--
Arsenic, in micrograms per liter	2014-2015	20	0	0.11	0.17	1.0	05/12/15	0.14	0.23	--	--	340	0	--	--
Selenium, in micrograms per liter	2005-2007	5	2	0 *	NC	0.060	09/20/05	NC	NC	4.6	0	18.4	0	0.080	NC
Benzene (total), in micrograms per liter	2000-2008	111	111	0 *	0 *	0 *	08/30/00	0 *	0 *	2.2	0	.	--	0.40	L
Ethylbenzene (total), in micrograms per liter	2000-2008	108	106	0 *	0 *	0.60	10/22/01	0 *	0 *	530	0	.	--	0.40	L
m- + p-Xylene (total) in micrograms per liter	2000-2008	111	111	0 *	0 *	0 *	08/30/00	0 *	0 *	1,400	0	.	--	0.40	L
Organic carbon (total), in milligrams per liter	2000-2013	163	0	2.2	3.9	8.4	05/24/05	3.0	4.8	--	--	.	--	0.50	--
Organic carbon (total), in milligrams per liter	2014-2015	26	0	2.9	4.1	8.6	05/26/15	3.4	6.3	--	--	.	--	--	--
o-Xylene (total), in micrograms per liter	2000-2008	111	110	0 *	0 *	2.2	05/03/05	0 *	0 *	1,400	0	.	--	0.40	L
Toluene (total), in micrograms per liter	2000-2008	111	111	0 *	0 *	0 *	08/30/00	0 *	0 *	510	0	.	--	0.40	L