

Table 14. Summary of measured constituents and properties for North Fork Big Thompson River at Drake, Co., station 06736000  
[--, 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]

Constituent or property	Period (water years)	Number of samples	Number of censored values	Minimum	Median	Maximum	Date of Maximum	15th percentile	85th percentile	Standard or Chronic standard	Number of exceedences Chronic	Acute standard	Number of exceedences Acute	LRL	Level of concern
Instantaneous discharge, in cubic feet per second	2000-2008	118	0	3.04	16.4	540	09/11/01	6.76	62.7	--	--	--	--	--	--
Instantaneous discharge, in cubic feet per second	2009-2010	21	0	2.80	11.2	210	06/07/10	4.61	62.2	--	--	--	--	--	--
Turbidity, in NTRU	2005-2008	54	31	0 *	0 *	10.0	08/08/06	0 *	3.9	--	--	--	--	2	--
Turbidity, in NTRU	2009-2010	21	11	0 *	0 *	12.5	06/07/10	0 *	3.6	--	--	--	--	--	--
Dissolved oxygen, in milligrams per liter	2000-2008	117	0	7.1	9.3	14.6	12/04/01	8.0	11.6	6.0	0	--	--	--	L
Dissolved oxygen, in milligrams per liter	2009-2010	21	0	7.8	9.7	12.0	02/02/10	8.2	11.5	6.0	0	--	--	--	L
pH, in standard units	2000-2008	117	0	7.1	7.7	8.6	03/08/06	7.4	8.0	6.5	0	9.0	--	--	L
pH, in standard units	2009-2010	21	0	7.3	7.6	8.0	05/03/10	7.4	7.7	6.5	0	9.0	--	--	L
Specific conductance, in uS/cm	2000-2008	118	0	23.0	37.0	112	03/25/03	27.0	48.0	--	--	--	--	--	--
Specific conductance, in uS/cm	2009-2010	21	0	23.0	36.0	60.0	04/06/10	27.6	53.0	--	--	--	--	--	--
Temperature, Degrees C	2000-2008	118	0	-0.0	9.0	20.5	07/09/02	0.5	15.3	17.0	8	--	--	--	L
Temperature, Degrees C	2009-2010	21	0	-0.1	6.6	17.8	08/10/09	0.1	15.2	17.0	1	--	--	--	L
Calcium, in milligrams per liter	2000-2008	117	0	2.07	3.51	9.81	03/25/03	2.63	4.40	--	--	--	--	0.04	--
Calcium, in milligrams per liter	2009-2010	21	0	2.02	3.24	5.44	04/06/10	2.44	4.51	--	--	--	--	--	--
Magnesium, in milligrams per liter	2000-2008	117	0	0.44	0.83	2.42	03/25/03	0.57	1.10	--	--	--	--	0.02	--
Magnesium, in milligrams per liter	2009-2010	21	0	0.43	0.77	1.51	05/03/10	0.56	1.13	--	--	--	--	--	--
Potassium, in milligrams per liter	2002-2008	93	0	0.30	0.51	0.95	03/25/03	0.39	0.65	--	--	--	--	0.02	--
Potassium, in milligrams per liter	2009-2010	21	0	0.32	0.56	0.94	05/03/10	0.42	0.69	--	--	--	--	--	--
Sodium, in milligrams per liter	2000-2008	117	0	1.50	2.72	6.04	03/25/03	1.87	3.57	--	--	--	--	0.12	--
Sodium, in milligrams per liter	2009-2010	21	0	1.57	2.61	4.47	05/03/10	1.95	3.95	--	--	--	--	--	--
Alkalinity, in milligrams per liter	2002-2008	93	0	8.99	15.5	20.9	04/05/05	11.1	17.6	--	--	--	--	5	--
Alkalinity, in milligrams per liter	2009-2010	21	0	9.35	15.4	20.1	04/06/10	10.9	18.0	--	--	--	--	--	--
Chloride, in milligrams per liter	2000-2008	116	11	0 *	1.10	15.0	04/17/01	0.48	2.25	250	0	--	--	0.12	L
Chloride, in milligrams per liter	2009-2010	21	0	0.46	1.04	4.52	04/06/10	0.64	3.51	250	0	--	--	--	L
Sulfate, in milligrams per liter	2000-2008	116	7	0 *	2.42	24.0	04/17/01	1.48	3.65	250	0	--	--	0.18	L
Sulfate, in milligrams per liter	2009-2010	21	0	1.34	2.24	6.06	05/03/10	1.57	4.00	250	0	--	--	--	L
Residue, in milligrams per liter	2000-2008	115	2	0 *	34.3	84.0	11/05/01	25.3	43.4	--	--	--	--	10	--
Residue, in milligrams per liter	2009-2010	21	0	23.1	33.5	79.0	05/03/10	26.5	46.5	--	--	--	--	--	--
Ammonia plus organic nitrogen in milligrams per liter	2000-2008	117	2	0 *	0.153	0.476	05/15/07	0.094	0.255	--	--	--	--	0.14	--
Ammonia plus organic nitrogen in milligrams per liter	2009-2010	21	0	0.084	0.170	0.569	06/07/10	0.101	0.273	--	--	--	--	--	--
Ammonia nitrogen, in milligrams per liter	2000-2008	117	78	0 *	0 *	0.013	07/10/07	0 *	0.006	3.45	0	10.2	0	0.02	L
Ammonia nitrogen, in milligrams per liter	2009-2010	21	17	0 *	0 *	0.017	03/10/09	0 *	0.012	4.02	0	12.1	0	--	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2000-2008	117	7	0 *	0.082	0.739	03/25/03	0.028	0.151	10.0	0	--	--	0.016	L
Nitrite plus nitrate nitrogen, in milligrams per liter	2009-2010	21	2	0 *	0.043	0.433	03/10/09	0.011	0.162	10.0	0	--	--	--	L
Orthophosphate, in milligrams per liter	2000-2008	117	77	0 *	0 *	0.007	05/06/08	0 *	0.004	--	--	--	--	0.006	--
Orthophosphate, in milligrams per liter	2009-2010	21	0	0.004	0.006	0.019	03/10/09	0.005	0.010	--	--	--	--	--	--
Phosphorus, in milligrams per liter	2000-2008	117	11	0 *	0.005	0.011	05/20/03	0.003	0.007	--	--	--	--	0.006	--
Phosphorus, in milligrams per liter	2009-2010	21	2	0 *	0.006	0.021	05/03/10	0.003	0.010	--	--	--	--	--	--
Phosphorus (total), in milligrams per liter	2000-2008	117	0	0.004	0.012	0.204	03/19/08	0.008	0.023	--	--	--	--	0.008	--
Phosphorus (total), in milligrams per liter	2009-2010	21	0	0.007	0.011	0.075	06/07/10	0.008	0.035	--	--	--	--	--	--
Organic carbon (total), in milligrams per liter	2000-2008	92	1	0 *	2.49	9.84	05/15/07	1.76	4.85	--	--	--	--	0.5	--

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Organic carbon (total), in milligrams per liter	2009-2010	21	0	1.50	2.30	14.7	05/03/10	1.80	6.32	--	--	--	--	--	--
Arsenic, in micrograms per liter	2000-2008	117	53	0 *	0.07	0.35	05/20/03	0 *	0.13	--	--	--	--	0.06	--
Arsenic, in micrograms per liter	2009-2010	21	1	0 *	0.10	0.24	05/03/10	0.06	0.15	--	--	--	--	--	--
Copper, in micrograms per liter	2000-2008	117	24	0 *	0.67	10.1	08/13/07	0 *	1.48	1.60	15	2.01	10	1	M
Copper, in micrograms per liter	2009-2010	21	3	0 *	0.86	2.52	05/03/10	0.15	1.37	1.60	2	2.01	1	--	M
Iron, in micrograms per liter	2000-2008	117	15	0 *	57.0	167	06/09/08	37.3	83.0	300	0	--	--	8	L
Iron, in micrograms per liter	2009-2010	21	0	42.8	69.6	621	05/03/10	54.3	130	300	1	--	--	--	L
Lead, in micrograms per liter	2000-2008	117	63	0 *	0 *	0.67	08/13/07	0 *	0.10	0.26	4	6.79	0	0.08	L
Lead, in micrograms per liter	2009-2010	21	8	0 *	0.03	0.21	05/03/10	0 *	0.08	0.26	0	6.79	0	--	L
Manganese, in micrograms per liter	2000-2008	116	14	0 *	2.93	7.89	11/15/05	1.67	4.17	842	0	1525	0	0.2	L
Manganese, in micrograms per liter	2009-2010	21	0	1.63	4.19	10.5	11/16/09	2.73	5.96	842	0	1525	0	--	L
Mercury, in nanograms per liter	2005-2008	14	0	0.60	2.35	7.90	05/15/07	1.43	6.43	10.0	0	--	--	0.04	M
Mercury, in nanograms per liter	2009-2010	6	0	0.81	2.24	11.7	06/07/10	0.82	11.3	10.0	1	--	--	--	H
Nickel, in micrograms per liter	2000-2008	115	25	0 *	0.19	0.76	04/12/06	0 *	0.39	9.44	0	85.0	0	0.2	L
Nickel, in micrograms per liter	2009-2010	21	0	0.12	0.20	0.64	05/03/10	0.15	0.40	9.44	0	85.0	0	--	L
Selenium, in micrograms per liter	2005-2007	5	1	0 *	0.04	0.20	06/07/05	0 *	0.20	4.60	0	18.4	0	0.08	L
Silver, in micrograms per liter	2000-2008	117	116	0 *	0 *	0.05	02/15/07	0 *	0 *	0.00	1	0.06	0	0.1	L
Silver, in micrograms per liter	2009-2010	21	18	0 *	0 *	0.01	05/03/10	0 *	0.00	0.00	3	0.06	0	--	H
Benzene (total), in micrograms per liter	2000-2008	107	107	0 *	0 *	0 *	08/31/00	0 *	0 *	2.20	0	--	--	0.4	L
Ethylbenzene (total), in micrograms per liter	2000-2008	104	102	0 *	0 *	0.90	10/23/01	0 *	0 *	530	0	--	--	0.4	L
m- + p-Xylene (total) in micrograms per liter	2000-2008	107	107	0 *	0 *	0 *	08/31/00	0 *	0 *	1400	0	--	--	0.4	L
o-Xylene (total), in micrograms per liter	2000-2008	107	107	0 *	0 *	0 *	08/31/00	0 *	0 *	1400	0	--	--	0.4	L
Toluene (total), in micrograms per liter	2000-2008	107	107	0 *	0 *	0 *	08/31/00	0 *	0 *	510	0	--	--	0.4	L