

CAMP LAKE WATER QUALITY DATABASE

Sample Date	pH	Cond (uS/cm)	Alk	T Hard	Ca Hard	React P	Total P	NH3 (N)	NO2 + NO3 (N)	TKN	CL	SO4	Na	K	Turb (NTU)	Color
10/15/2007	8.35	561	176	233	99	0.025	0.027	0.08	0.20	1.02	64.7	36.76	29.8	2.6	3.9	26
5/15/2008	8.11	590	200	252	127	0.024	0.052	0.02	0.70	0.99	54.0	30.43	25.7	2.8	6.0	28
10/22/2008	8.52	500	164	201	84	n/a	0.027	0.02	<0.01	0.90	52.5	23.43	25.3	2.8	5.5	36
4/6/2009	8.22	580	184	216	121	n/a	0.028	<0.01	0.58	0.88	51.2	25.10	25.6	2.8	4.2	25.3
10/15/2009	8.41	437	164	180	82	0.031	0.033	0.03	<0.01	0.95	45.9	17.39	23.5	3.2	3.3	21.8
4/13/2010	8.16	492	204	236	126	0.017	0.026	<0.01	0.10	0.77	47.3	20.60	21.7	3.0	3.6	21
10/19/2010	8.11	505	176	208	91	0.018	0.040	0.08	0.10	1.71	50.9	15.2	24.2	3.6	4.9	20.4
4/14/2011	8.26	545	200	232	119	0.009	0.029	0.06	1.54	0.97	50.1	23.3	26.0	3.2	x	7.8
10/19/2011	8.53	452	160	180.4	72	0.025	0.046	0.09	<0.1	1.21	56.5	16.4	26.0	1.8	5.4	23.6
3/28/2012	8.17	620	190	240	120	<0.019	0.038	0.2	0.048	0.83	57	20.0	29.0	2.2	4.4	30
10/11/2012	8.63	560	140	220	74	<0.010	<0.010	0.12	<0.052	0.77	78	20.0	39.0	1.7	3.3	20
4/22/2013	7.84	563	160	202	107	<0.005	0.027	0.056	1.3	0.69	61	29.0	30.6	2.61	7.7	30
10/17/2013	8.24	560	180	209	88.1	<0.005	0.020	0.040	<0.090	0.85	74	21.0	35.3	2.48	1.3	30
4/25/2014	8.44	600	180	212	106	<0.005	0.016	<0.04	0.12	0.55	67	26.0	33.8	2.54	2.7	20
10/13/2014	8.58	582	160	206	83.4	0.023	0.023	<0.04	0.87	1.1	75	24.0	35.6	1.96	2.3	20
4/10/2015	8.21	639	190	217	99.6	<0.004	<0.006	<0.03	<0.07	0.87	80	25.0	34.6	2.11	1.0	15
10/19/2015	7.88	615	190	231	102	<0.004	0.018	<0.03	<0.07	0.56	73	21.0	37.1	2.41	3.1	30
3/29/2016	8.33	565	240	233	119	<0.004	<0.005	<0.03	0.22	0.74	60	23.0	28.7	2.10	2.5	20
AVG	8.28	554	181	217	101	0.011	0.025	0.047	0.32	0.92	61.1	23.2	29.6	2.58	3.7	24

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Sample Date	pH	Cond (umhos)	Alk	T Hard	Ca Hard	React P	Total P	NH3 (N)	NO2 + NO3 (N)	TKN	Cl	SO4	Na	K	Turb (NTU)	Color
10/15/2007	8.00	566	196	245	121	0.021	0.035	0.30	0.30	1.34	51.8	34.67	24.9	3.7	3.4	36
5/15/2008	8.28	657	224	288	154	n/a	0.031	0.02	1.40	0.92	60.4	33.26	28.7	3.1	5.3	35
10/22/2008	8.00	583	205	238	117	0.038	0.042	0.25	<0.01	1.20	52.3	26.42	26.0	3.7	4.1	33
4/6/2009	8.12	654	208	252	146	0.032	0.045	<0.01	1.24	0.92	57.7	29.21	28.0	3.1	4.5	31.5
10/15/2009	8.00	504	208	216	122	0.037	0.049	0.51	<0.01	1.53	42.9	17.61	22.3	4.1	5.5	30.6
4/13/2010	8.31	586	240	287	160	0.018	0.039	<0.01	0.8	0.95	52.9	24.12	24.3	3.2	5.0	33
10/19/2010	7.90	570	212	240	123	0.028	0.048	0.26	0.02	1.39	49.8	17.9	24.0	3.3	4.0	25.5
4/14/2011	8.43	619	232	260	140	0.022	0.060	0.03	0.76	1.23	57.3	26.0	29.0	3.2	x	20.2
10/19/2011	8.01	577	208	234.5	112.5	0.037	0.057	0.56	<0.1	1.67	60.5	20.1	29.0	2.7	4.8	24.2
3/28/2012	8.22	680	210	270	130	<0.019	0.024	0.20	0.77	1.1	65	24	31.0	2.5	1.6	30
10/11/2012	8.18	590	160	240	89	<0.010	0.034	0.29	<0.052	0.9	75	23	37.0	2.5	3.3	20
4/22/2013	7.83	623	180	221	120	<0.005	0.029	0.07	1.9	0.44	70	39	35.0	2.91	8.4	40
10/17/2013	7.88	611	200	237	115	<0.005	0.018	0.14	0.22	0.75	67	30	35.5	2.95	2.6	30
4/25/2014	8.56	670	200	235	124	<0.005	0.025	<0.04	0.22	0.52	77	38	37.9	2.79	11	40
10/13/2014	8.24	672	200	250	120	<0.004	0.022	0.099	0.51	1.4	82	31	38.2	2.75	3.9	35
4/10/2015	8.18	743	230	266	132	<0.004	0.015	<0.03	0.18	1.1	84	33	39.0	2.78	1.9	30
10/19/2015	7.67	668	210	265	129	<0.004	0.028	<0.03	<0.07	0.73	73	23	36.4	3.19	9.3	30
3/29/2016	8.42	608	270	274	145	<0.004	0.009	<0.03	0.74	0.75	73	27	31.5	2.33	3.4	30
AVG	8.12	621	211	251	128	0.014	0.034	0.15	0.49	1.05	64.0	27.6	31.0	3.04	4.6	31

Data collected and compiled by Jeff Stelzer, Lake and Pond Solutions Co.