

Crystal Lake, Ellington

Water Data 2013

Water data was collected for Crystal Lake on September 11, 2013
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Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 4.0 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.93361 41°56'1.0"N	-72.37389 72°22'26.0"W	9/11/2013	0.5	8.3	22.6
			1	8.4	22.3
			2	8.6	21.3
			3	8.8	21.0
			4	8.7	20.8
			5	8.6	20.7
			6	7.3	19.9
			7	3.5	16.4
			8	1.8	13.1
			9	0.8	10.5
			10	0.2	9.0
			11	0.0	7.9
12	0.0	7.4			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/11/2013	0.5	148	6.3	3.75	7.5
	12.0	166	6.1	14.25	21.1