

# Crystal Lake, Ellington

## Water Data 2005

Water data was collected for Crystal Lake on August 25, 2005  
by Robert Capers and Brandon Russell.

**Table 1.** Dissolved oxygen and temperature. **The transparency (Secchi) was 2.9 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.93605 41°56'9.8"N	-72.37389 72°22'26.0"W	8/25/2005	0.5	7.7	24.3
			1	7.7	24.3
			2	7.7	24.2
			3	7.7	24.2
			4	7.3	24.2
			5	7.2	24.0
			6	9.1	20.6
			7	10.4	15.7
			8	6.9	12.6
			9	4.4	10.3
			10	2.1	8.8
			11	0.8	7.6
12	0.2	6.9			

**Table 2.** Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/25/2005	0.5	124	6.2	4.5	13
	8.5	115	5.7	6	25