

Crystal Lake, Middletown

Water Data 2011

Water data was collected for Crystal Lake on August 22, 2011
by Jordan Gibbons and Jennifer Fanzutti.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 1.3 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.5219 41°31'18.8"N	-72.6387 72°38'19.3"W	8/22/2011	0.5	5.4	24.8
			1	4.8	24.6
			2	3.1	23.6
			3	1.9	23.3
			4	0.0	22.7

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/22/2011	0.5	96.3	6.2	27.8	35
	4.5	106	6.0	33.8	50