

Crystal Lake, Middletown

Water Data 2009

Water data was collected for Crystal Lake on July 20, 2009
by Rachel Soufrine and Martha Balfour.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 1.0 m.**

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|--------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.52188 41°31'18.8"N | -72.63876 72°38'19.5"W | 7/20/2009 | 0.5 | 7.8 | 29.8 |
| | | | 1 | 7.9 | 29.3 |
| | | | 2 | 7.9 | 28.2 |
| | | | 3 | 1.8 | 26.0 |
| | | | 4 | 1.0 | 21.6 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 7/20/2009 | 0.5 | 141.0 | 6.5 | 45.0 | 9 |
| | 4.5 | 136.0 | 6.2 | 45.0 | 29 |