

Fence Rock Lake, Guilford

Water Data 2011

Water data was collected for Fence Rock Lake on August 24, 2011
by Jordan Gibbons, Jennifer Fanzutti, and Michael Cavadini.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.0 m.

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|-------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.31913 41°19'8.9"N | -72.67266 72°40'21.6"W | 8/24/2011 | 0.5 | 8.6 | 25.9 |
| | | | 1 | 8.3 | 24.9 |
| | | | 2 | 8.4 | 24.2 |
| | | | 3 | 3.7 | 21.8 |
| | | | 4 | 0.4 | 18.3 |
| | | | 5 | 0.0 | 12.5 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 8/24/2011 | 0.5 | 80 | 5.6 | 5 | 8 |
| | 4.0 | 111 | 5.6 | 17 | 25 |