

Fence Rock Lake, Guilford

Water Data 2019

Water data was collected for Fence Rock Lake on July 25, 2019
by Summer Stebbins, Michael Modica, and Deanna Rackie.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 4.0 m.

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|-------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.31932 41°19'9.6"N | -72.67256 72°40'21.2"W | 7/25/2019 | 0.5 | 8.0 | 25.6 |
| | | | 1 | 8.0 | 24.0 |
| | | | 2 | 8.7 | 22.8 |
| | | | 3 | 0.6 | 11.7 |
| | | | 4 | 0.6 | 9.1 |
| | | | 5 | 0.6 | 9.1 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 7/25/2019 | 0.5 | 61 | 6.2 | 7.5 | 15.0 |
| | 5.0 | 69 | 6.5 | 11.3 | 21.0 |