

Green Falls Reservoir, Voluntown

Water Data 2005

Water data was collected for Green Falls Reservoir on August 2, 2005
by Roslyn Selsky and Phil Nista.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 5.6 m.**

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|--------------------------|---------------------------|----------|-----------|-------------------------|------------------|
| 41.53006 41°31'48.2"N | -71.80907 71°48'32.7"W | 8/2/2005 | 0.5 | 6.1 | 31.4 |
| | | | 1 | 6.7 | 29.8 |
| | | | 2 | 6.3 | 28.9 |
| | | | 3 | 6.7 | 27.8 |
| | | | 4 | 7.0 | 27.2 |
| | | | 5 | 7.8 | 25.9 |
| | | | 6 | 4.6 | 24.7 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|----------|-----------|----------------------|-----|--|--------------------------------|
| 8/2/2005 | 0.5 | 19 | 5.0 | 1 | 3 |
| | 5.9 | 21 | 5.0 | 1 | 3 |