

Private Pond, Pawcatuck

Water Data 2011

Water data was collected for the private pond on June 29, 2011
by Jordan Gibbons and Jennifer Fanzutti.

Table 1a. Site 1: Dissolved oxygen and temperature. **The transparency (Secchi) was 3.0 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.38053 41°22'49.9"N	-71.8605 71°51'37.8"W	6/29/2011	0.5	8.1	28.6
			1	7.8	27.7
			2	4.5	26.2
			3	4.1	24.8

Table 1b. Site 2: Dissolved oxygen and temperature. **The transparency (Secchi) was 1.0 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.37925 41°22'45.3"N	-71.86099 71°51'39.6"W	6/29/2011	0.5	6.0	24.2
			1	2.2	18.9
			2	0.4	14.5
			3	0.1	11.3

Table 2a. Site 1: Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
6/29/2011	0.5	72	6.9	24	4
	3.0	88	6.4	37	14

Table 2b. Site 2: Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
6/29/2011	0.5	96	6.3	14	31
	3.0	132	6.7	29	28