

Squantz Pond, New Fairfield

Water Data 2011

Water data was collected for Squantz Pond on July 19, 2011
by Jordan Gibbons, Jennifer Fanuzitt, and Michael Cavadini.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 3.5 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.51512 41° 30' 54.4"N	-73.47843 73° 28' 42.3"W	7/19/2011	0.5	8.1	27.2
			1	8.1	27.2
			2	8.2	27.1
			3	8.3	27.0
			4	8.3	27.0
			5	8.2	26.2
			6	7.0	25.5
			7	2.9	19.7
			8	0.1	16.3
			9	0.0	13.2
			10	0.0	11.7
			11	0.0	10.2
12	0.0	9.4			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/19/2011	0.5	119	7.0	29	4
	8.0	120	6.2	26	9