

Billings Lake, North Stonington

Water Data 2013

Water data was collected for Billings Lake on September 20, 2013
by Jordan Gibbons and Samantha Wysocki.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 4.2 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.50759 41°30'27.3"N	-71.87314 71°52'23.3"W	9/20/2013	0.5	7.6	19.3
			1	7.6	19.3
			2	7.3	19.2
			3	7.1	19.1
			4	6.5	19.0
			5	6.1	18.7
			6	1.5	16.6
			7	0.2	13.0
8	0.1	10.4			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/20/2013	0.5	46	5.8	7.5	7.8
	8.0	39	6.3	6.8	35.9