

West Lake, Guilford

Water Data 2021

Water data was collected for West Lake on August 27, 2021
by Gregory Bugbee, Summer Stebbins, Sunayna Wahi and Adam Pakalnis.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.8 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.33896 41°20'20.3"N	-72.734084 72°44'2.7"W	8/27/2021	0.5	9.1	29.7
			1	10.7	27.8
			2	5.3	25.5
			3	1.8	23.8
			4	0.6	20.2
			5	0.1	15.5
			6	0.1	15.1

Table 2. Water chemistry

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	145	6.9	26	13	535
6.0	203	6.6	68	59	1842