

Lower Guilford Lake, Guilford

Water Data 2023

Water data was collected for Lower Guilford Lake on July 7, 2023
by Riley Doherty and Summer Stebbins

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.2 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.33052 41° 19' 49"N	-72.68427 72° 41' 3"W	7/7/2023	0.5	7.8	25.8
			1	5.9	21.8
			2	2.8	19.4
			3	0.7	14.2
			4	0.9	10.4
			5	0.6	8.1
			6	0.6	7.2
			7	0.6	6.8

Table 2.

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	54.6	6.5	12.0	27	TBD
7.0	64.6	6.0	12.8	136	TBD