

Chestnut Hill Reservoir, Wolcott

Water Data 2023

Water data was collected for Chestnut Hill Reservoir on July 12, 2023
by Summer Stebbins and Riley Doherty.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 10.8 ft.**

Latitude	Longitude	Date	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°F)
41.595477 41°35'43.7"N	-73.008983 73°0'32.3"W	7/12/2024	2	8.0	77.0
			3	8.4	76.6
			7	8.2	76.1
			10	7.4	75.0
			13	10.0	68.7
			16	10.6	62.8
			20	12.5	55.4
			23	1.6	50.9
			26	0.6	47.3
			30	0.5	46.4

Table 2. Water chemistry

Depth (ft)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	208	6.8	11	5	TBD
9.0	258	6.6	28	68	TBD