

Beseck Lake, Middlefield

Water Data 2017

Water data was collected for Beseck Lake on June 26, 2017 and September 29, 2017 by Gregory Bugbee, Summer Stebbins, Amanda Massa, and Abigail Wiegand.

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

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.51791 41°31'4.5"N	-72.72971 72°43'47.0"W	7/26/2017	0.5	7.6	24.0
			1	7.0	24.0
			2	7.0	24.0
			3	6.9	23.9
			4	5.4	19.5
41.51783 41°31'4.2"N	-72.72978 72°43'47.2"W	9/29/2017	0.5	10.6	20.4
			1	10.6	20.3
			2	10.3	20.2
			3	10.2	20.1
			4	2.6	19.2

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
6/26/2017	0.5	209	7.5	35.3	5.1
	4.0	209	7.2	32.3	9.1
9/29/2017	0.5	217	8.1	51.0	12.5
	4.0	228	7.0	54.0	29.4