

Cedar Lake, Chester

Water Data 2010

Water data was collected for Cedar Lake on September 14, 2010
by Mark June-Wells and Brian Hart.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 2.8 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.39247 41°23'32.9"N	-72.69744 72°41'50.8"W	9/14/2010	0.5	6.1	21.2
			1	6.6	20.8
			2	6.0	20.6
			3	6.0	20.4
			4	5.9	20.3
			5	6.2	20.2
			6	0.3	17.2
			7	0.1	11.3
			8	0.1	10.1
9	0.1	9.2			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/14/2010	0.5	39.1	6.4	6.8	9
	10.0	41.7	6.0	12.8	26