

Deer Lake Reservoir, Killingworth

Water Data 2009

Water data was collected for Deer Lake Reservoir on September 14, 2009
by Rachel Soufrine and Martha Balfour.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 3.7 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.34116 41°20'28.2"N	-72.59215 72°35'31.7"W	9/14/2009	0.5	7.2	23.6
			1	7.5	22.2
			2	7.9	21.6
			3	6.6	21.0
			4	4.0	20.1
			5	1.7	14.5

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/14/2009	0.5	65.3	5.9	20.3	9
	4.5	65.9	5.7	22.5	25