

Hospital Reservoir #3, Middletown

Water Data 2009

Water data was collected for Hospital Reservoir #3 on September 30, 2009
by Rachel Soufrine and Martha Balfour.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 4.0 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.54433 41°32'39.6"N	-72.60446 72°36'16.1"W	9/30/2009	0.5	7.3	19.6
			1	6.9	19.5
			2	7.0	19.4
			3	6.9	19.4
			4	6.8	19.3
			5	6.7	19.3

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/30/2009	0.5	40	6.1	8	6
	5.5	65	6.7	20	6