

Amos Lake, Preston

Water Data 2013

Water data was collected for Amos Lake on August 15, 2013
by Jordan Gibbons and Samantha Wysocki.

Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 1.0 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.51472 41°30'53.0"N	-71.97425 71°58'27.3"W	8/15/2013	0.5	8.4	19.6
			1	8.1	19.1
			2	9.0	18.9
			3	7.4	18.4
			4	4.7	18.5
			5	0.0	14.4
			6	0.0	10.4
			7	0.0	7.8
			8	0.0	6.8
			9	0.0	6.5
10	0.0	6.3			

Table 2. Water chemistry

Date	Depth (m)	Conductivity ($\mu\text{s}/\text{cm}$)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/15/2013	0.5	111	7.8	15.8	14.7
	10.0	123	6.3	24.8	44.2