

Jepp Pond, Hamden

Water Data 2025

Water data was collected for Jepp Pond on August 28, 2025 at 10:59 AM
by R. Doherty and M. Manke

Table 1. Date, site location, weather conditions, and water clarity (Secchi)

Date	Latitude (DD)	Longitude (DD)	Latitude (DMS)	Longitude (DMS)	Weather Conditions	Water Clarity (Secchi) (m)
8/28/2025	41.435891	-72.916613	41° 26' 9.2"N	72° 54' 59.8"W	Partly cloudy	1.6

Table 2. Vertical Profiles: dissolved oxygen, temperature, specific conductance, pH, and turbidity

Depth (m)	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°C)	Temperature (°F)	Specific Conductance (µs/cm)	pH	Turbidity (FNU)
0.5	1.6	7.27	21.4	70.5	237.2	7.40	2.95
1.0	3.3	6.81	21.1	70.0	236.2	7.33	2.60
2.0	6.6	1.91	20.6	69.1	233.7	6.93	5.51
3.0	9.8	0.26	19.5	67.1	235.1	6.67	19.83

Table 3. Surface and Bottom Measurements: conductivity, total dissolved solids, salinity, alkalinity, and nutrients

Depth (m)	Depth (ft)	Conductivity (µs/cm)	Total Dissolved Solids (TDS)	Salinity (ppt)	Alkalinity (CaCO3 mg/L)	Phosphorus (ppb)	Nitrogen (ppb)
0.5	1.6	220	154	0.11	138.8	86	TBD
3.0	9.8	210	153	0.11	133.5	304	TBD

Notes: CAES OAIS staff observed an algae bloom while conducting the aquatic vegetation survey on 8/28/2025