

Water Quality Summary for Thompson Lake

The ME DEP and Volunteer Lake Monitoring Program(VLMP) collaborates in collecting lake data to evaluate quality, track algal blooms and determine trends.

.since 1977 (23) years collected

Summary:

The quality of Thompson Lake is excellent, based on SDT measurements, total phosphorous (TP), Chlorophyll-a (Chla). Risk for algal blooms remains low.

Thompson Lake is a non-color lake:

SDT of 9.0 meters(29.8ft) average is 10 SPU

TP 4-12 ppb average is 5 ppb

Chla 0.9-8.2 average is 2.3ppb

DO (dissolved oxygen) no deep depletion

The potential for TP to leave the bottom sediments and become available to algae in the water column(internal loading) is low.

Oxygen levels below 5parts per million will stress cold water fish and reduces the habitat for survival of those species.

2010 – SDT=8.9 average

CHL – 2.6 Color was rated a “9”.