

WATER QUALITY SUMMARY

KIMBALL POND, VIENNA

MIDAS: 5330, Sample Station # 1

The Maine Department of Environmental Protection (ME-DEP) and the Volunteer Lake Monitoring Program (VLMP) have collaborated in the collection of lake data to evaluate water quality, track algal blooms, and determine water quality trends. This data-set does not include bacteria, mercury, or nutrients other than phosphorus.

Water quality monitoring datasets for Kimball Pond have been collected since 1983. During this period, 7 years of basic chemical information was collected in addition to Secchi Disk Transparencies (SDT). In summary, the water quality of Kimball Pond is considered to be above average based on measures of SDT, total phosphorus (TP), and Chlorophyll-a (Chla). The potential for nuisance algal blooms on Kimball Pond is low.

Water Quality Measures: Kimball Pond is a non-colored lake (average color 10 SPU) with an average SDT of 5.7*m (18.5*ft). The asterisk * indicates the SDT was visible to the bottom of the pond, if the lake were deeper the SDT would be greater. The range of water column TP for Kimball Pond is 4 - 15 parts per billion (ppb) with an average of 8 ppb. Chla ranges from 1.9 - 3.6 ppb with an average of 2.8 ppb. Recent dissolved oxygen (DO) profiles show very little DO depletion in deep areas of the lake. The potential for TP to leave the bottom sediments and become available to algae in the water column (internal loading) is very low.

Maine Department of Inland Fisheries and Wildlife (Region B) manages Kimball Pond as a coldwater fishery only.

See the Maine DEP *Explanation of Lake Water Quality Monitoring Report* for measured variable explanations. Additional lake information can be obtained by contacting Maine DEP at 207-287-3901 or VLMP at 207-783-7733, and at these Websites:

<http://www.lakesofmaine.org> and <http://www.maine.gov/dep/water/lakes/index.html> and <http://www.mainevolunteerlakemonitors.org>.

Filename: kimb5330, Revised: 3/02, By: dbh Updated: 2/11, By jp