

## Map Facts

The map was updated at the end of 2010 to show the most recent full-season water quality measurements.

Good quality lake water is at the core of WAPOA's efforts. To know what water quality is, you have to take water samples and test the water. WAPOA volunteers have been doing that for many years on over 30 lakes.

The result is a TSI number. The TSI number combines measurements of water clearness (visibility), amount of phosphorus, and chlorophyll-a.

The TSI number closely correlates with the amount of algae growing in the water.

A higher TSI (unfavorable) means more algae in the water.

Water with a high TSI may be unsuitable for swimming, clogged with plants, and supportive of rough fish.

For every 1 point increase in the TSI, there is a 10% increase in algae in the water.