



Tests of Area Lake Water -- 2015 Report

INDIVIDUAL LAKE TSI VALUES

- 50+ Arrowhead, Mary, Emily
- 48-49 Kego, Daggett, Mitchell, Smokey Hollow, Little Pine, Leavitt, Upper Hay
- 46-47 Upper Whitefish, Eagle, Big Pine, North Roosevelt, Lawrence
- 42-45 L. Whitefish, M. Whitefish, L. Hay, Rush, East Fox, Goodrich, Bertha, Clamshell, W.Fox, S. Roosevelt, Pig, Cross, Velvet
- 40-41 Island, Ruth, Butterfield
- 36-39 Big Trout, O'Brien, Ox, Kimble, Star, Clear, Ossawinnamakee

A lower TSI number is better with less algae and clearer water.

5 Reasons to work for a lower TSI

<p>LOWER TSI</p> <ul style="list-style-type: none"> clearer water less algae desirable for swimming more oxygen in water game fish like this water 	<p>HIGHER TSI</p> <ul style="list-style-type: none"> cloudier water more green algae less/no swimming less oxygen in water rough fish tendency
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WAPOA tests water on over 30 lakes. The result is a "TSI number."

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

Rain water running from lawn to lake carries sediment with phosphorus attached.

Phosphorus is needed to produce algae.

Your lawn's 1 pound of phosphorus will produce 500 pounds of wet algae.

Average Trophic State Index Values (TSI) 2010-2014*

HOW CAN I HELP THE LAKE?

- Divert lawn/driveway rain water from the lake.
- Water runoff carries gas, oil, antifreeze, organic matter, pesticides, herbicides, and sediments carrying phosphorus.
- Buffer strips of vegetation slow water runoff and act as a filter for harmful substances.

