NEWSLETTER

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14 Mile Watershed Friends and Supporters . . .

Here is a recent information update from the board of the Tri-Lakes Management District

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Tri - Lakes Management District

1555 Apache Ave. • Nekoosa, WI 54457 (715) 325-3250

The Tri-Lakes Management District board has been actively pursuing solutions or resolutions to combat the current poor condition of our 3 lakes. The lakes are considered eutrophic, meaning they are rich in nutrients and so supporting a dense plant population, the decomposition of which kills animal life by depriving it of oxygen. This is a severe condition generally observed in lakes much, much older than our lakes. Doing nothing will result in further deterioration of our lakes to the point of greatly reduced property values, loss of plant and animal life and probable loss of usage of the lakes for recreation. Regardless of the reasons for these conditions your

board has determined that action must be taken to try to resolve the following:

- High algae blooms,
- Oxygen loss,
- Excessive muck and
- Excessive nutrients.

Cutting the weeds is not a solution, just a band aid to help enhance usage of our waters.
We have looked at many different options and new technologies to determine if we may be able to save our lakes from becoming dead zones such as chemical treatments to include:

- Copper sulfate,
- Mizzen,
- Alum,
- Dredging and mucking,
- Oxygenation with bubblers and aerators,
- Turbines, Ultrasonic treatments and other technologies.

We recently tested a nanobubble system from Moleaer at the marina on Lake Arrowhead. The test lasted 2.5 months and the preliminary results are much better than expected and we are awaiting the results of oxygen analysis to determine the full effectiveness of this test.

Based on the preliminary results the board voted to move forward with this process allowing for positive results from the remaining sediment analysis. This whole process can be observed on Moleaer's website www.moleaer.com. We encourage everyone to check out the site for an understanding of this new technology potential.

Please visit the Tri-Lakes Management website for further information as more is forthcoming via email.

If you would like email notices sent to you sign up on our website and go to the bottom of the page at https://trilakesmanagement.com.

The 14 Mile Watershed Alliance is a nonprofit organization dedicated to the improvement of surface and groundwater in the 14 Mile Creek Watershed in central Wisconsin. See us at 14milewatershed.org or https://www.facebook.com/14MileWatershed

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1433 Rapids Trl, Nekoosa, WI 54457

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