

Green Lake Improvement District
Isanti Co, Wyanett Township, MN



Green Lake Water Quality Activity

Dear Green Lake members,

In partnership with you the members and the Minnesota DNR, your GLID Board has taken more immediate action to continue control of the explosive growth of Eurasian Milfoil on our lake. Our previous activity to reduce Curley Pond Leaf has shown some reduction, especially on the south side of the lake.

Your GLID (Green Lake Improvement District) was established to assist in water quality, applied for and received DNR Permit 2019-2498 to responsibly herbicide treat 18.2 acres of the densest Milfoil areas. In addition, the DNR also approved use of a ECO Harvester to Mechanically harvest up to 60 acres of aquatic-invasive weeds/ species (AIS) targeting Milfoil.

We have signed a contract with Lake Restoration to schedule the Milfoil treatment in July . This will help reduce the spread of the invasive species, hopefully limiting the segmentation via boat props and such. Did you know that a single piece of fragmented Eurasian milfoil can multiply into 250 million new plants in one year!

We are exploring mechanical weed harvesting too.

A partnership purchased a 2015 ECO harvester for a trial to remove weeds from the lake. This initiative was based on recommendation from our 2018 GLID guest speaker, Dr Daniel McEwen <dan@limnopro.com> to reduce nitrogen in lake.

We completed a certified chemical analysis of our Green Lake weeds. Result shows nitrogen at 9.36 lbs/ton, phosphorus 6.6 lbs/ ton, and potash 3.1 lbs/ton! That is like a 20 pound bag of fertilizer feeding the lake weeds for every ton of invasive weeds or leaves left in the lake. Yikes!

This Supporting evidence compels lake shore owners to do everything possible to get invasive and dead weeds along with leaves, grass, trees out of the lake and placed above high water level or use the Wyanette Township Compost pile.

Special note:

All of Green Lake water quality efforts are in partnership with lake shore owners, DNR, and the Isanti County Water and Soil Division. There is no intention or is it possibly to remove all invasive lake weeds. Efforts are to reduce the explosive growth of our invasive Milfoil while keeping environmental, health, and sports fishing as priorities. There are so many variables that effect our lake's quality... but each and everyone of us can help.

Thank you for helping to do your part in keeping our Green Lake a precious treasure for generations.

Please send comments and suggestions to your GLID representatives via our email address greenlakeisanti@yahoo.com

Hope,
Gordon Haubenschild
On behalf of the GLID Board