

This Newsletter is intended to help increase communication between the residents of Green Lake and the Board of GLID.

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## GLID Newsletter - September 2019

### 2020 Minutes & Budget

See [Website](#) for info

### An Amazing Green Lake Summer

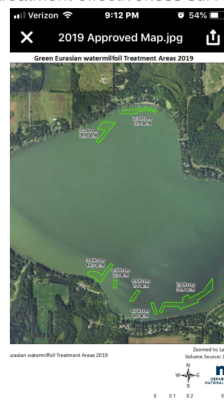
Many 2019 memories were made on our Green Lake - thanks for your part in making it an enjoyable summer! The lake experienced both high and low water, clear and murky green water. At least 6 pair of loons were spotted and many majestic eagles continue to soar over Green Lake.

Additionally, many Green Lake homeowners were involved with lake shoreline restorations. See below for more information on this.

### Weed Treatment Update

#### Eurasian Milfoil Herbicide Treatment on 18.2 Green Lake Acres was Effective

As reported in our August newsletter, in partnership with the Minnesota DNR and Isanti County Soil and Water, Lake Restoration responsibly herbicide treated 18.2 acres of the densest Milfoil areas. Todd D.H. Kulaf, Conservation Technician from Isanti Soil and Water Conservation District spent 2 hours with GLID Board member, Gordon Haubenschild, doing a Green Lake milfoil post treatment effectiveness survey.



With that bring said, the coontail weed patches, that look a lot like milfoil, were dense. These are causing boat and fishing problems, however are not on the DNR's aquatic invasive species (AIS) list.

The DNR did approve the use of an ECO Harvester to mechanically harvest up to 60 acres of AIS weeds; targeting milfoil. Limited weed harvesting has been accomplished with the removal of over 8 tons of weeds, which equates to removing 160 pounds of concentrated fertilizer, from our lake. More lake weed harvesting may occur as time and resources permit.

### What Can You Do To Keep The Lake Clean?

[Read These Simple Facts About Phosphorus](#)

**Phosphorus fact: for every pound of phosphorus added or left in our Green Lake, another 500 pound batch of wet algae can be produced.**

At our last annual GLID Meeting, a Green Lake home owner asked about the shoreline algae. **What causes it? What can we do about it?**

The net answer is our Green Lake is "nutrient rich". The algae is caused by the continuous cycle of nutrients coming into the lake, with the compounding

accumulation, and very little weed removal. So algae will continue to grow with some years being less than others.

Did you know that 60 pounds of tree leaves can equate to about 1.5 pounds of phosphorus per year? Each average mature tree will shed about 60 pounds of leaves over the course of a year. Do the math - it gets scary.

As rain flows over the ground and into our lake, it brings with it nutrients from things like fertilizers and animal waste. In one landscape, runoff contained 0.3 pounds of phosphorus per acre per year. Thousands of acres of land surround our 880 acre lake.

#### Here Is What You Can Do to Avoid the Green & Muck

- Be aware of the situation. It is unsure if anything can reverse the current status, but lake owners can help to make their lake usable for future generations.
- Encourage weed removal around docks and waterways to the main portion of the lake.
- If possible, reduce the amount of leaves going into the lake.
- Encourage septic system checks.
- Encourage more lakeshore restorations. Sign up with GLID Board member Dan Howard to take advantage of grants to lower owner costs yielding great improvement.
- Participate in Minnesota One Watershed activities/plans.



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## Upcoming Events

### SAVE THE DATE: Weed Control Presentation

**Where:** Wynette Town Hall

**When:** September 26th, 2019 @ 6:30pm

**All are welcome and encouraged to attend**

**Details:** Four selected weed control companies will be giving 15-20 minute presentations to the eight Isanti County Coalition of Lakes Association (ICCOLA). Come nerd out with us!

### Green Lake Restorations

Contact Dan Howard at [763-286-1146](tel:763-286-1146) or [danhowardnow@gmail.com](mailto:danhowardnow@gmail.com) for more information on how you can get involved at upcoming workshops/projects. Please consider helping out or just watching. Each person who shows up yields a \$24 credit for the lakeshore owner. It is a great opportunity for all ages to become aware of the importance of saving our Green Lake shorelines and improving water quality.

Upcoming restorations:

Adam & Laura Beth Anderson - Sunday Sept 1, 9am @ 7057 330th Lane NW

Peggy & Larry Leider - Sunday Sept 8, 10am @ 33014 Xenon Drive NW

Alfons & Mia Plate - Saturday Sept 14, 9am @ 33300 Xenon Drive NW



### Aquatic Invasive Species Research & Management Showcase

Members of your GLID Board will be attending the 2019 Minnesota Aquatic Invasive Species Research Center on the U of M campus on Wednesday, September 18, 2019 for a selection of discussions about the latest research on invasive weeds like starry stonewort, zebra mussels, spiny waterflea, invasive carp, etc. at Continuing Education and Conference Center, 1890 Buford Avenue, Saint Paul, MN 55108

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## Public Access Boat Inspections

Our Green Lake public access has ongoing boat inspections to prevent invasive weeds and species from entering our lake. The program is funded by Isanti County to provide us and our lake guests information and awareness on invasive species. It has effectively protected our Green Lake in several incidences by stopping boats with invasive species attached (more recently, zebra mussels).

If you are launching or having guests/visitors launch, please say thank you to our boat inspectors for doing their job. You may also notice a new large Green Lake welcome sign with information about invasive species. If you see boats with weeds entering or leaving or just plain bad boating behavior, please call the Isanti County Sheriff's office at [763-689-2141](tel:763-689-2141) with the information.

**Hours:**

Tuesdays 3-8p, Wednesdays 2-8p, Thursdays 2-8p, Fridays 10-7, Saturdays 10-7, Sundays 10-7



*Thank you so much for opting in to the Green Lake Improvement emails. Please encourage your neighbors and friends on the the lake to visit our website and sign up for our communications. The more we know, the more we can affect and preserve.*

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