

2023 GREEN LAKE ANNUAL OWNERS MEETING

-To help Inform, Interest, Invite, Input, Involve, and Invest.

GLID MISSION STATEMENT Our mission is to serve as stewards of our lake community, to protect, preserve, and improve the quality of Green Lake.

"Green Lake is a jewel in nature's crown. Like all valuables, our lake needs to be protected.

Who could care more for our lakes than the people who love them and live on them.

MEETING CALL TO ORDER with PLEDGE OF ALLEGIANCE & INTRODUCTIONS:

AGENDA/TOPICS:

OLD BUSINESS:

GLID Communication Mechanisms and costs to Inform, Interest, Invite, Input Involve, and Invest! **Key elements of GLID's Mission/Purpose.**

- +GLID Facebook in place! **Marissa Dahlin is our GLID FB Ambassador.**
- GLID email MailChimp e-newsletters sent to 103 subscribers with 60%-75% open rate.
- GLID website updated with new info: 20-60/month clicks-- **www.greenlakemnid.com/**

Wyanett Township Partnership- Update by Supervisor Ken Murray

- GREEN LAKE WEEDS WHY? WHAT'S BEING DONE? DNR's WHAT CAN I DO?

'Weed management requires knowledge, time, patience and money. There is no magic bullet that will eliminate excess weeds without continued effort and without side affects.... A lake, after all, is not a swimming pool but a dynamic, complex system and expectations should be realistic. '

GREEN Lake AIS and Other Weed Activities

- DNR GRANT: GLID received Official DNR Grant Amount: \$15,150 as 2022 & 2023 reimbursement
- Requires mandatory whole lake survey: DNR accepted 2022 survey as best practices method>See map
- Whole lake survey required in 2024
- DNR CLP permit for 50.5 acres for CLP using effective less expensive Diquate : EPA safe certified with multiple weed control



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Project Name:	Green Lake Weed Management
Project Number:	2022-2023
Project Start Date:	01/01/2022
Project End Date:	12/31/2023
Project Manager:	Ken Murray
Project Sponsor:	Green Lake Association
Project Budget:	\$15,150
Project Status:	Completed
Project Description:	Green Lake Weed Management Project
Project Objectives:	Reduce weed growth in Green Lake
Project Results:	Successful weed management
Project Lessons Learned:	Regular monitoring and maintenance

GREEN LAKE WEEDS: WHAT CAN OWNERS DO?

Knowing that owner weed management helps reduce Lake nutrient budget growth

== Lake Restoration is offering treatment to Lake owners for weed clearing around dock areas.. **Paul Kretsch** 763-428-9777

== Scuba Weed Control, will remove your dock's lake weed (pulled out by the root) without chemicals, **Connor Piche** 612-968-8764

==GLID encouraging owners to move dead weeds from/away from lake.

GLID offers FREE Wyanett Township compost pile by Maint Building at 34591 NACRE Street NW.

== DNR allows removing submerged vegetation around docks without a DNR permit under certain conditions. Refer to GLID website for all the DNR details

- **AIS Boat Inspections** – GLID has Inspectors at Green Lake

> Tues, Wed, Thur, Fri, Sat, Sunday ---

o GLID Requested 44 hrs X 20 weeks of Best Inspectors from Isanti Zoning worth

\$21,000! Good news: very small number of boat violators. Increased boater awareness of AIS

== Goal is to prevent new AIS Zebra Mussel, Starry Stonewort, and Spiny Waterflea invasion

== No current plans for Green Lake CD3 Machine installation. GLID is in wait and see more Spec Lake installation usage ROI results.

- Green Lake Access and Boat Lake Patrols by Isanti Rescue Team affiliated with Sheriff Department with guest speaker Kim Skog

Objective: Patrol visibility to reduce bad behavior at access and on lake while able to provide medical assistance if needed.

== GLID providing \$250 donation for needed new equipment.

- Green Lake / SWCD MPCA Section 319 Grant Status UPDATE by Tiffany Determan

- \$284K Grant Addresses water quality, mercury content, AIS, TP Loading, Watershed areas.

• Stated potential of getting Green Lake off MN Impaired Lake's list in 10 years.

• 2022 SWCD progress Summary on website www.greenlakemnid.com/

at <https://storymaps.arcgis.com/stories/5deb2d55e7a84298adeea105e8ef63e1>

SWCD has multiple ACTIVITIES planned and happening: Green Lake Owners can participate:

>> Working with willing landowners to reduce nutrient flow to lake from watershed

>> Working with Isanti County on Ditch 16 and Ditch 23

>> Update Lake Improvement Plans with Lake Phosphorus-Locking Reduction roadmap

GLID/SWCD Grant's MOU REQUIREMENTS being met:

= GLID funding needed for stream monitoring as required: \$2789

= \$333/year for "in-kind" matching funds. GLID submitted \$5000 worth in 2022

- GLID required continued Green Lake water monitoring- done by our volunteers. ✓

==**Green Lake Volunteers, Alex and Marissa Dahlin will be helping David Dancik** with water samples for lab analysis and continued water clarity Secchi readings in 2023 as part of GLID Lake Improvement Plan activities. **Mortenson family** will help with Secchi readings too

== **SWCD's Matthew** to provide hands on training and documentation to volunteers.

Note == 2021 Green Lake Secchi Average was 5.26 feet Compared to 30 year average of 5.9 feet with unknown degrees of error

== Green Lake has met the 1.4-meter or 4.6 ft Secchi deep lake standard in about 70% of the past 30 years years measured

=== Green Lake is NOT on MN Impaired lake's list due to Secchi criteria, but due to phosphorus levels

===="Green Lake is still considered impaired since TP and chlorophyll-a concentrations do not currently meet State standards.

===TP concentrations for Green Lake have averaged 61 µg/L over the most recent 10-year period, which is above the 40 µg/L level

== Blue-Green Algae Alert: IF IN DOUBT, STAY OUT!

- Lake Shoreline Restoration Projects and costs PLUS Lake Stewardship Awareness With Dan Howard, Del Smith, Sue Hage

> Green Lake Shoreline Restorations continue to be a nutrient reduction focus area.

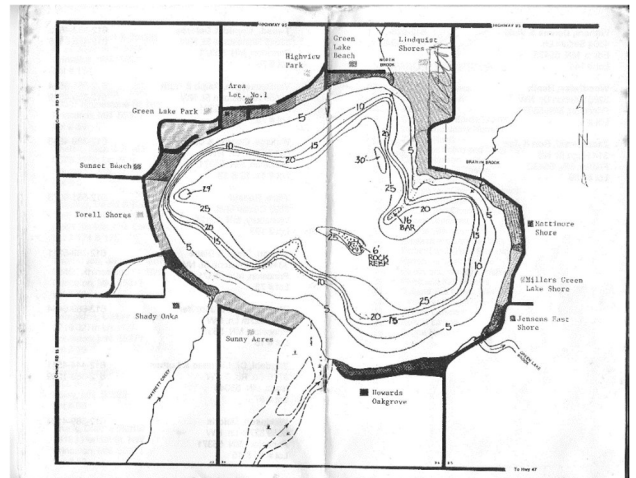
Use budgeted \$5K to encourage activities with 25% (max of \$1000) reimbursement along with Volunteer credits (max \$500) of preapproved paid bill.

Goal is 5 new owner's restorations.

== 23 Green Lake Owners have used GLID/SWCD program. Many more improvements done on their own

== GLID leverages Minnesota Lakes and Rivers Lake Steward Program's info.

== Isanti Zoning working on updating Isanti Shoreline Zoning rules..



NEW BUSINESS

- 2023 GLID BUDGET STATUS and 2024 Proposed Budget Approval Process by GLID's Treasurer Barbara Prince.

== GLID reduced previous year's tax levy without reducing lake improvement services due to applying for Grants, partnerships with DNR, SWCD, Isanti County, and GLID Board actions

There are 205 lake properties on Green Lake's Isanti County Auditor's levy listing.

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