2022 Fall Green Lake e-News: Read the Latest Info

From: Gordon Haubenschild (gordon_haubenschild@yahoo.com)

Date: Friday, September 23, 2022 at 07:14 PM CDT

Info: our recent GLID e-newsletter.

Let me know if you have other topics and/or have some write-ups to include.

Our GLID website has more info on the current focus areas too.

I haven't got our 2022 boat inspection report, but am estimating over a 1000 launches again based on previous years's data along with seemly an increasie in Green Lake activity.

Thank you all again for your help with GLID activities

Hope, Gordon Haubenschild 507-259-7097 Sent from Yahoo Mail for iPhone

Begin forwarded message:

On Friday, September 23, 2022, 1:07 PM, Green Lake Improvement District <GreenLakeIsanti.yahoo.com@send.mailchimpapp.com> wrote:

View this email in your browser



Hi! Welcome to the Fall Green Lake e-Newsletter.

Hoping you also had a super summer enjoying the lake. There is plenty of fantastic fall times coming at us maybe with some colorful leaves. I will always cherish this fall image of the shoreline near us.



Glimpse of Interest Areas:

Some Green Lake Owners want/need services. Here are a couple of options with winter coming at us:

For BOATS, some Green Laker's are using Legacy Motor and

Marine, a local Boat Winterization, Shrink Wrap, Storage and Marine Service Company in Isanti. Examples: Having your boat motors winterized. Pontoons transported. Click on web address http://www.legacymotorandmarine.com/ or call 763-313-2486 for more info.

For STORAGE, a Green Lake Owner opened Storehouse Self Storage on Hwy 95 & 47. They offer month-to-month indoor storage units ranging from 10' x 10' to 10' x 30'. They also have super spacious outdoor parking spaces for you to park your RV/boat/Ice Castle, or other vehicle. The facility is fully fenced and monitored with state-of-the-art security cameras. For more Info, click https://www.storehouseus.com or call (763) 401-8277 They also offer Dusty's Car and Pet Wash in Milaca @ Hwy 169 & Hwy 23. It's the largest area self-serve bay to wash your boat or Ice Castle!

Some Review Items:

JUNE 25 2022 GREEN LAKE OWNERS ANNUAL MEETING << Read minutes here via hotlink <<

Green Lake Weed Management:

GLID and Lake Owners continue to focus on weed management. Green Lake invaded by Aquatic Invasive Species (AIS) that include non-native plants, invertebrates and microbes. These species tend to spread rapidly in new areas, out-compete native resident species, and cause ecological or economic harm including possible impacts to human and pet health, for example, Curley Pond Leaf.

2022 Green Lake AIS Curly Pond Leaf Control Treatment was

completed May 24th. DNR issued permission to use EPA certified herbicide Diquate for 50.5 acres. What does this mean? Diquate is far more effective than treatments we've been allowed to use in the past. It's able to kill the Curly Pond Leaf (CLP), Eurasian Watermilfoil,, and other weed infestations for a 3 for 1 effect with less chemicals going in to the lake.

GLID is using AIS treatment Best Practices to retreat same areas to reduce the CPL Turion bank buildup.

By the way, our <u>DNR Partners volunteered to do our CLP post-treatment survey</u> for free, and found our treatment was highly effective!

You have read my other emails or website writings, we have to remind ourselves that 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.... Our Green Lake, after all, is not a swimming pool but a dynamic, complex system and expectations should be realistic. --- reference Aquatic Weeds: Nuisance and Necessity

Extra Info:::

Green Lake Water Is Nutrient Rich With Phosphorus, Nitrogen, and Potassium

FACT: INCREASED PHOSPHORUS = INCREASED

CHLOROPHYLL = DECREASED WATER CLARITY

Green Lake is on the impaired water list due to higher

phosphorus readings Recent findings show " over the long term

the our lake's Phosphorus trend is stable (good news!) and but

above the threshold". and "Over the long term the Chlorophyll's

trend is stable and but still above the threshold."

For 2022, <u>Green Lake Clarity reading</u> started at 6ft 10 inches in June and at end of August, 2ft 7 inches with a range of readings in between . click hotlink for all info from Alex.

Per DNR: Lake Trend: Improving Lake Name Green; Lake ID 30-0136-00 Location Description For years 1973 to 2018 there is evidence of improving water clarity at this lake,

Protecting / Restoring Green Lake's Shoreline is a high priority with Lake Owners to reduce nutrient runoff and erosion. With GLID's 25% of expenses up to \$1000 incentive. it has been a busy restoration summer on four properties! More info is our the GLID website Restoration Page

Did you know The 'non-buffered lawn to lake' shoreline allows 7 to 9 times more phosphorus to enter the lake than a more natural native vegetated just 15 feet of buffered shoreline.

Here is a <u>DO-IT-YOURSELF DNR's "SCORE YOUR SHORE"</u> hotlink here to see if your shoreline needs restoration complete with TIPS and recommended CRITERIA to measure against.

Our Isanti Soil and Water Conservation District (SWCD) continues to leverage the Green Lake MPCA's Four-year Section 319 Grant to address reducing our watershed nutrient flow into our Lake. At our Annual Meeting. SWCD's Todd Kulak gave Status Report of projects for watershed plans that include initially removing 600 pounds of Phosphorus using Ag Best Practices.

Yes in deed, 1 pound of phosphorus can grow 500 pounds of algae... including morphing into deadly Blue-Green Algae!

Did you know that watershed drainage area of Green Lake is 15,875 acres providing water for our oval 833 acre lake.

Enough extra info for this reading.

Our Green Lake is a woooonderful source of enjoyment for our Lake Owners and the hundreds of visiting boater guests.
With continued hope along with our very active Lake Improvement Plans, that include Preserving, Protecting, and encourage Participation, our children, grandchildren and great grandchildren will thank us

That's it for this 2022 Fall e-Newsletter.

With Respect,
Gordon Haubenschild
with GLID Board

Green Lake Improvement District (GLID)

As owners of Green Lake property, our GLID mission is to serve as stewards of our lake community, to protect, preserve, and improve the quality of our waters and surrounding area.

GLID develops Partnerships with DNR, Isanti SWCD, Isanti Zoning, Wyanett Township, ICCOLA, Minnesota Lakes and Rivers, shoreline restoration companies, weed treatment companies to seek advice and services, doing what's best for our Lake and its Property Owners.

Reminder: most recent info can be found on our <u>ISANTI COUNTY GREEN LAKE 'GLID' WEBSITE</u> and also our <u>Green Lake Facebook</u> page. Click on the hotlinks to take a peek or better yet, read some of information.









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