

[Test] Fall 2023 Green Lake Newsletter With Offer to Help Owners Fix Property Erosion

From: Green Lake Improvement District (greenlakeisanti.yahoo.com@send.mailchimpapp.com)

To: gordon_haubenschild@yahoo.com

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Info to Green Lake Owners:

Good News, 2023 Green Lake water clarity was better and More Good News, there is available funding for lake Owners to help reduce their Green Lake property erosion.

1- Our Green Lake 2023 Water Clarity was far better compared to 2022 and a few past years.

Thank you to our GLID Volunteers; Alex and Marissa Dahlin,

Mortenson Family, and David Dancik with help from SWCD's Matthew for Green Lake water quality data with Secchi, Total Phosphorus ($\mu\text{g/L}$), Chlorophyll-A ($\mu\text{g/L}$) readings.

2- Green Lake Improvement District (GLID) and Isanti Soil and Water (SWCD) has funding available to help Green Lake property owners having erosion concerns to implement shoreline restorations and/or construct rain gardens! Call SWCD's Todd to get started at 763-689-3271.

Net net: our 2023 Green Lake's water clarity measures and observations indicated the following:

- Green Lake was much clearer in 2023 both on the seasonal average with 5.4 ft compared to 3.7 ft and in the later dog days of summer, clarity improved by around 100% with 2023 readings of 5 ft-5.9 ft compared to 2022's 2.7 ft. Plus there was a lot less green scum on lake and NO reported Blue-Green algae.

What's the possible Reasons for better Green Lake water clarity?

- Drought with LESS rain caused LESS nutrients transported into lake from our four watershed streams ?

- With much hotter temps, one would think our 833 acre lake would have heated up more to cause increased algae growth, but it did not. Water temp readings showed 2023 temps were about the same as 2022's temps with much more rain and also had lots of green scum that year!

Mother Nature will do what it wants to...but ALL indicators tell us that slowing the flow of watershed nutrient runoff into our Green Lake will help provide much more enjoyable water clarity.

Hence GLID and SWCD will continue promoting watershed and shoreline erosion nutrient reduction. Limited project funding is available to help Green Lake property owners having erosion concerns implement shoreline restorations with 25% funding help and/or construct rain gardens with 75% funding help! Call SWCD's

Todd to get started at 763-689-3271.

A “shoreline restoration” or “rain garden” project should effectively stop (or at least greatly reduce) storm water runoff. Also, a “No mow, let it grow grass strip!” is the simplest and least expensive way to add natural buffer to the lakeshore. Here is a **QUICK READ>>>** [10 Tips to Lake Stewardship from Minnesota Lakes and Rivers](#)

More info is on GLID Facebook (<https://www.facebook.com/glidisanticomn>) and GLID website at www.greenlakemnid.com/shoreline-restorations.html

"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?



Hope,
Gordon Haubenschild, Sue Hage, Del Smith
with GLID Board



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