

Green Lake Breeze

P.O. Box 362 • Spicer, MN 56288

www.greenlakespicer.com

July 2014

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Thank you to all of the GLPOA members that joined us for our annual meeting on Saturday, June 21st. We enjoyed a great breakfast and an information packed meeting. The Green Lake Bible Camp is the perfect place for the meeting and they are always wonderful hosts. Once again this year, we had the opportunity to hear from Bruce Kleven the GLPOA lobbyist.

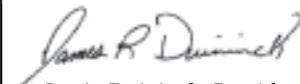


Mr. Kleven shared with us the great news that state legislature passed continuous AIS (Aquatic Invasive Species) funding in the tax bill. Mr. Kleven has done a great job representing us the past few years and now Kandiyohi County has a revenue stream that can only be used to fight AIS! Starting in 2015, the County must spend \$256,000 per year on protecting and restoring Kandiyohi County lakes from Aquatic Invasive Species.



As you probably know, we now have a dedicated washing station at the City of Spicer public access. If you are out and about this summer and see anyone from the Middle Fork Crow River Watershed or the City of Spicer, be sure to thank them for their leadership and partnership with GLPOA in the operation of the washing station. If you or someone you know has been in contaminated waters you can have your boat washed at the Spicer access Thursdays-Sundays all summer long. As far as we know, we are the only lake in the state that has a program like this.

The past few years serving as the president of GLPOA has been a real pleasure. It has been so enjoyable representing all of you and working with a great board and executive director. The GLPOA has much to be proud of. Year in and year out we have nearly 600 members of our association pay their annual association fee. I am confident that with the passionate members and committed board that we have, we will be able to continue the mission of the GLPOA for many years to come. Let's all continue to PROTECT, ENHANCE and RESTORE Green Lake! See You On The Lake,


Jamie Duinick, President GLPOA



Thank You, Jamie Duinick

All of us owe Jamie Duinick a great deal of appreciation for the outstanding job he has done while serving as president of the GLPOA for the past three years. We should also recognize his wife, Kristine, for the time their family has dedicated to our organization while juggling two high pressure careers and raising a young family.



Jamie has provided great leadership in securing funds, providing innovative concepts and building relationships and alliances with other parties for the benefit of Green Lake. Jamie's goal was to "leave Green Lake better for our children, grandchildren and all others that love the lake!" He can take great pride in having done this exceedingly well.



Jamie, on behalf of all of us..... THANK YOU!

GLPOA Members

2014 Session Wraps Up



After several weeks of negotiations, DFL legislative leaders finally reached a global agreement with Republicans and Governor Dayton on spending targets for the supplemental spending, tax, and bonding bills. The final agreement was reached on Thursday, May 15, allowing members to close up the session on Friday, just a few days short of the Constitutional adjournment date of Monday, May 19.



The final agreement on the omnibus supplemental appropriations bill totals \$283 million and covers all areas of state government spending. The second omnibus tax bill totals \$103 million and provides additional election-year, targeted tax relief to homeowners, renters, and farmers. The legislature took the unusual step of assembling and passing two capital bonding bills this year - one using cash from the projected budget surplus (\$200 million) and the other using traditional bonding sources (\$850 million).

Representative Mary Sawatzky (D-Willmar) and Senator Lyle Koenen (D-Clara City) once again introduced a bill this year to provide state funding to assist Green Lake in its invasive species prevention efforts. The authors worked to get a hearing on the bill but were unsuccessful. This bill just didn't get any traction this year, but there are two other funding sources that were passed this year that can be used by Green Lake.

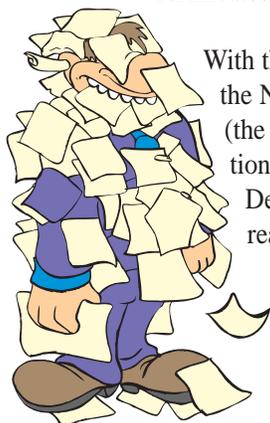
A new way to provide AIS funding based on the number of watercraft launch points and watercraft trailer parking spaces in each county was passed as part of the tax bill this year. The bill modifies the current county aid program and use of state tax aid proceeds by providing \$10 million for all 87 counties to share. A county receiving aid under the program *must* use the proceeds to prevent or limit the spread of AIS at all access sites within the county, regardless of ownership or management. The estimated annual revenue in Kandiyohi County is \$128,000 per year (\$256,000 for a bi-ennium) based on 48 trailer launches and 576 parking spaces. Best of all, this funding approach completely bypasses the DNR and allows for local government involvement. Green Lake decontamination efforts could come from this pot of money.



The dedicated sales tax funding bill provides \$4.040 million to the DNR for an agreement with the Central Minnesota Initiative Fund to develop a series of pilot projects to prevent the spread of aquatic invasive species, including inspection and decontamination, education and outreach, and enforcement (this is the same source of money that contained \$3 million last year that was vetoed by Governor Dayton). Green Lake project funding can also come from this pot of money.

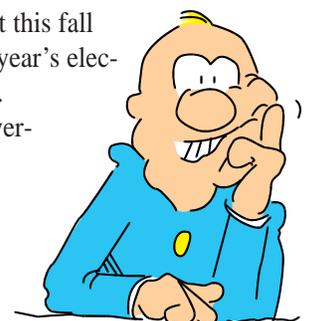


In addition to the above, the lottery funding bill provides \$219,000 for an agreement with the Red River Basin Commission to develop AIS prevention strategies on a watershed-based scale that can be used in other watersheds. Also, language allowing decontamination to take place at highway rest stops was included in the supplemental appropriations bill. The new law now requires the DNR and MnDOT to cooperate in an effort to use highway rest areas, where feasible, to be used as watercraft decontamination sites. Finally, the omnibus game and fish bill contains a provision requiring minnow dealers, commercial fishing license holders, and people under the age of 18 who take leeches to undergo annual AIS training. The minnow dealers and the commercial fishermen must also have their training certificates in their possession.

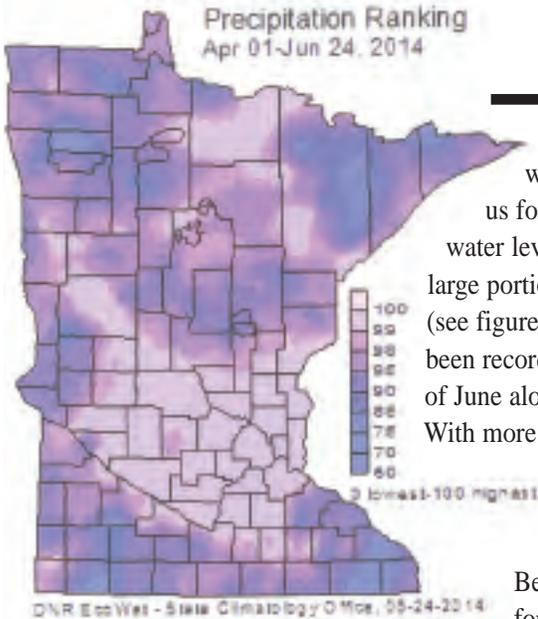


With the session complete, Governor Dayton and incumbent House members will turn their attention towards the November elections. All 134 House seats and the Governor's office will be on the ballot this fall (the current four-year Senate terms will not be up until 2016). It is widely thought that this year's election will be a referendum on the consequences of one-party control over the past two years. Democrats will campaign on a message of progress, while Republicans will claim they overreached.

*Bruce Kleven
GLPOA Lobbyist*



Water Levels



Well, here we are in the midst of another series of wild water level fluctuations. Mother Nature has certainly taken us for a ride over this spring, and any semblance of “normal” water levels seems like a distant memory. As of June 24, 2014, a large portion of the state is currently in the wettest spring on record (see figure). At the DNR Office in Spicer, 17.48 inches of rain have been recorded since April 1st, with nearly 11 inches of rain in the month of June alone! This is nearly 200 percent of the rainfall that the area receives during an average year. With more rain on the horizon for this weekend, the record may be set even higher yet.

Green Lake lies on the mainstem of the Middle Fork of the Crow River (afterward, MFCR). The contributing watershed for the MFCR at Green Lake encompasses approximately 95000 acres, reaching up into Stearns County and includes the city of Belgrade. Watershed size and overall land use within the watershed are important factors for determining the flow volume and duration related to precipitation events, and plays a

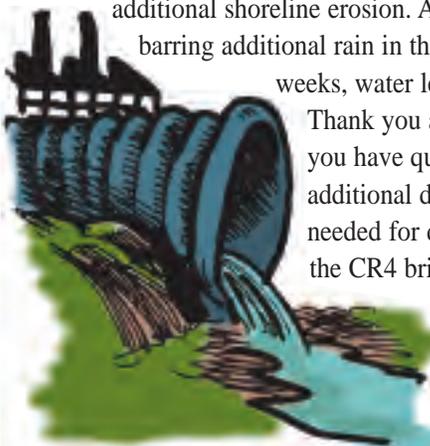
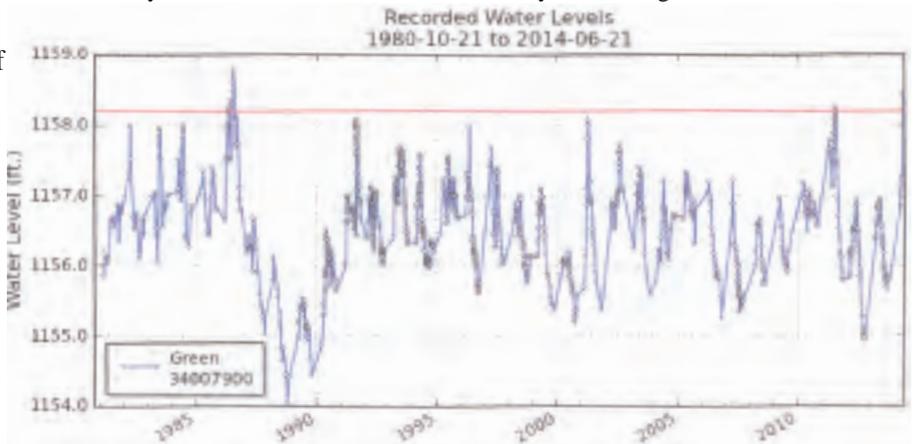
very large role in the water level fluctuations on basins like Green Lake.

As of October 2013, the majority of the state was locked in the second year of a long term drought. Much of Kandiyohi County, including the majority of the MFCR watershed was classified as in a severe drought by the US Drought Monitor. It appears that this trend has been broken! Several heavy late winter snows combined with a cool moist spring served to generate a slow runoff event leading to high moisture conditions in the soil column throughout the area. And then came the weekend of June 14-15 when portions of this area received up to 6 inches or rain. Green Lake water levels jumped nearly a foot in following this rain event alone, and have continued to rise as a result of runoff from the upper watershed and the smaller nearly continuous rain events in the 10 days following. Due to the saturated soil conditions and the high intensity of recent storms, these events have resulted in large amounts of surface runoff. The uptake and/or evapotranspiration of water by vegetation was also minimized due to these events coming early in the growing season.

All these factors have combined to result in extreme high water levels on many area lakes, including Green Lake, which is currently at 1158.47 feet, second only to water levels of 1158.86 feet, reached in July 1986. In addition, Nest Lake, located immediately upstream of Green Lake, and Lake Calhoun, located downstream, both recorded new all-time high water levels on Thursday, June 19th.

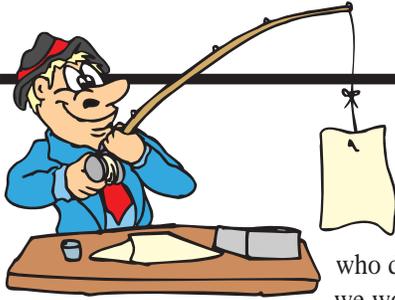
Along these lines, many area lakes including Diamond, Eagle, Foot, Games, Norway and Willmar Lakes are either very close to or have exceeded highest recorded levels this spring, and high water conditions may lead to significant erosion in shoreline areas. As such, the Kandiyohi County Sheriff's Department has enacted a temporary no-wake zone in attempts to limit man-made waves from causing additional shoreline erosion. As of Monday, June 23, water levels on Green Lake, Nest Lake and Lake Calhoun have crested, and barring additional rain in the coming days, water levels will begin to recede slowly. However, if rain storms develop in coming weeks, water levels may remain high due to saturated conditions within the watershed!

Thank you again for the opportunity to contribute to this newsletter, and please contact me at 320-796-2161 if you have questions or comments. Damage has been noted on several lakes throughout the area, and if you have additional damage to property in coming weeks, please notify my office, as damage estimates to structures are needed for disaster related determinations. For those interested, the gage zero at the Green Lake outlet under the CR4 bridge is 1151.77 feet, so simply add the gage reading (average is 4.56) to the gage zero for the elevation of the lake. Thanks!



Ethan Jenzen
DNR Area Hydrologist

Paper Or Digital?



For the past few years, the Board of Directors has discussed the best way of getting a copy of the Green Lake Breeze to the membership. At one time, the board sent the Green Lake Breeze to everyone on Green Lake which numbered over 815 copies. We had a number of members who did not wish to receive the “hard copy” so your Board of Directors stated we would put it on the Green Lake Web Page: www.greenlakespicer.com



On this web page you will find minutes of all the board meetings, important dates for Green Lake and other information which is very important to those who are permanent residents (50%) and those who are summer residents (50%).

In 2010, the board placed a “box” on the dues statement which you could check saying you did not wish to receive the hard copy. In 2013 the board discussed placing all issues of the Green Lake Breeze on the digital (electronic) part of the information. The board is now looking at June, 2015 as a time we would begin this service for those who wish for the digital copy of the Green Lake Breeze. Those who prefer the paper copy will continue to receive the Breeze as they have in the past.



Posting the Breeze electronically would save money for the membership, but there are many concerns/ideas which need to be discussed. One question often asked is “why do we need to put our telephone number on the dues statement?” A telephone number is necessary in case we need to contact you during the winter months, or if you wish to have patrol service. Only your Green Lake address is listed in the directory. The board does not and will not sell our membership list to any other outside interest.

You will be hearing more of this possible change during the remaining months. In 2015 you may have a choice of DIGITAL OR PAPER.

If you have any questions, please feel free to contact any board member. Thank you.

TWF

Greetings to All!

On Wednesday, June 11, 2014 the Sheriff’s Office put a “No Wake Advisory” in place because of the high amount of rain that this area has received. You know that this area has received a large amount of rain when all of the potholes, streams, rivers and lakes in Kandiyohi County are full!

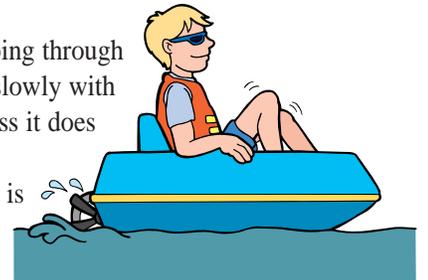


One question that has come up since we put the “No Wake Advisory” in place is what does this mean? First of all, the reason that a “No Wake Advisory” is in place is the lakes are above their normal high water levels, which causes erosion to the lakeshore. Because of that we want to limit waves caused by watercrafts so further erosion to the lakeshores does not occur. We cannot control the waves made by the wind but we can control waves made by boat traffic.



When we say “No Wake” we are referring to the wake or wave that is made by your watercraft going through the water. To avoid making waves that could cause damage to the shoreline we ask people to travel slowly with their watercraft so as not to cause a wave or “wake.” Generally, if you keep your boat at 5 mph or less it does not cause a wake.

If you do not have a speed odometer that shows you going that slow look to see if your watercraft is pushing the water hard enough to create a wake or wave. If it is, slow down to where you do not see the wave or wake any longer.



The Sheriff’s Office has received approximately 60 complaints at the time this article was written in regards to boaters not heeding the “No Wake Advisory.” Deputies have given warnings to all of the individuals. If deputies see that someone is causing damage to a person or property because of the wake their boat produces they can be civilly cited for that and the fine is \$140. The DNR rule they can be cited for is 6110.1200 subpart 2(a).

Again, this advisory is to protect the lakeshore from further erosion. The “No Wake Advisory” will be lifted when lake levels have receded enough that wakes from watercrafts will not damage the shoreline.

Thank you for your patience!

Sheriff Dan Hartog

Greetings From a New Board Member



Greetings, GLPOA. I'm excited to be a new board member. My wife Dawn, son Alec (22), and daughters Kennedy (16) and Chloe (12) have really fallen in love with Green Lake since moving here in 2003. I have an idea that I shared at last year's annual meeting that I haven't made much progress on, and I'm wondering if any of you can help.

I'd like to collect copies of historic photos of Green Lake, especially historic landmarks (Indian Beach Resort, Ferris Wheel, etc.) and create prints and merchandise for sale to support the invasive species project. If you have anything you are willing to share, please send me an email.

If you have ideas about what you would like to see depicted on sweatshirts, t-shirts, etc., that would be great as well.



Thanks for your help!

Steve Lykken



GLPOA Board of Directors

GREEN LAKE PROPERTY OWNERS ASSOCIATION
BOARD OF DIRECTORS
DEIDRA'S MEETING DATES 2014 - 2015



SATURDAY, 12 JULY 2014
Heritage Bank Room 8:00A.M.

SATURDAY, 25 APRIL 2015
Heritage Bank Room 8:00A.M.

SATURDAY, 09 AUGUST 2014
Heritage Bank Room 8:00A.M.

SATURDAY, 09 MAY 2015
Heritage Bank Room 8:00A.M.

SATURDAY, 08 AUGUST 2015
Heritage Bank Room 8:00A.M.

SATURDAY, 13 SEPTEMBER 2014
Heritage Bank Room 8:00A.M.

SATURDAY, 13 JUNE 2015
Annual - Bible Camp 8:15A.M.

SATURDAY, 12 SEPTEMBER 2015
Heritage Bank Room 8:00A.M.

SATURDAY, 11 OCTOBER 2014
Heritage Bank Room 8:00A.M.

SATURDAY, 11 JULY 2015
Heritage Bank Room 8:00A.M.

SATURDAY, 10 OCTOBER 2015
Heritage Bank Room 8:00A.M.

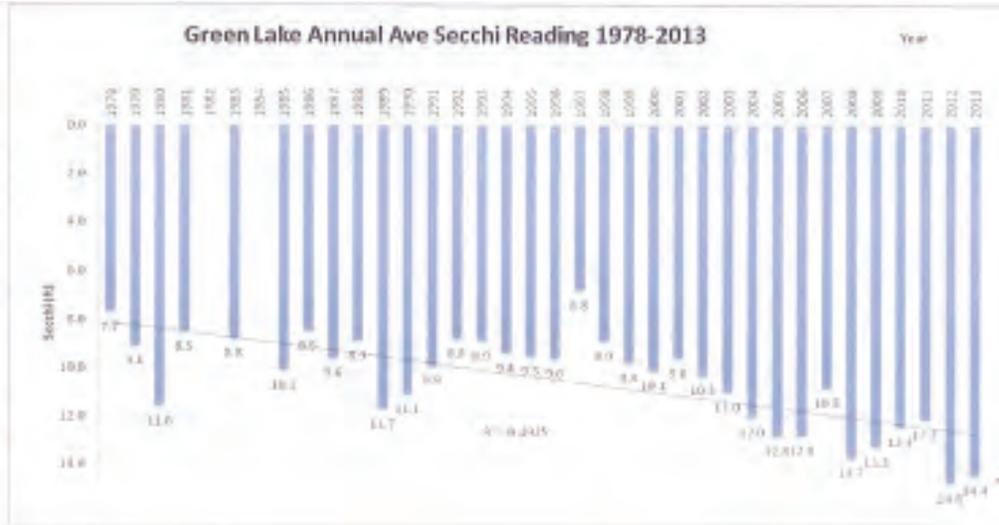
Green Lake Water Quality Update



The Middle Fork Crow River Watershed District and its volunteers measured water quality on Green Lake approximately ten times in 2013. The District has collected chemistry data on Green Lake since 2007, and Secchi disk depth (clarity) has been measured since 1978. Green Lake water quality continues to exceed nearly every parameter when compared to averages within our ecoregion.

Secchi disk measurements over time can give a general indication of problems in a lake by estimating the water clarity, or turbidity. Turbidity is suspended materials such as algae, silt, and organic matter in the water.

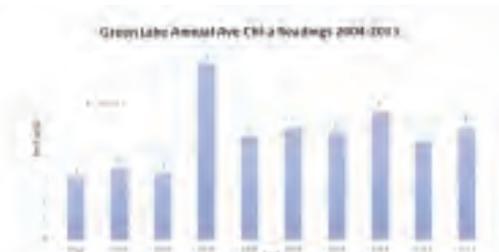
A secchi disk is a weighted circular metal disk, 8 inches in diameter, attached to a rope marked for measurement. The disk is black and white or all white in color. To collect a secchi disk measurement, the disk is lowered into the water column until it disappears. The secchi depth is measured by recording the depth at which the disk reappears. Deeper secchi disk readings (larger numbers) indicate clearer water.



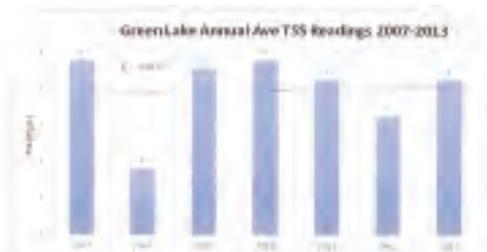
District Measures to Improve Water Quality

To date, the District has helped implement fifteen water quality projects around the Green Lake. These projects reduce Total Phosphorus by 134 pounds/year and reduce Total Sediment entering the lake by 100.76 tons/year. There are numerous ways you can help improve Green Lake. Implement a raingarden or shore line erosion restoration project using native plants, clean up leaves and debris around stormdrains, clean up pet wastes and repair leaking engines. Using phosphorus free fertilizers and keep grass clippings out of the street will also help prevent the degradation of Green Lake.

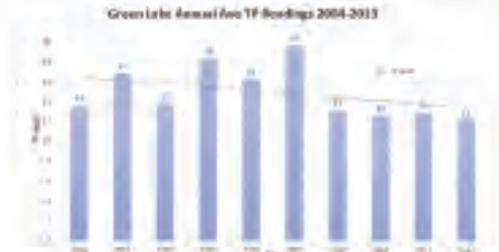
Finally, please remember to apply for a District permit for construction projects disturbing land greater than 400 square feet within 100 feet of the Ordinary High Water Mark, or projects disturbing greater than 800 square feet within 300 feet of the Ordinary High Water Mark. Stormwater infrastructure around the lake provides a pathway for polluted runoff to harm water quality, and erosion control BMPs such as storm inlet protection, filter logs and inlet protection devices help reduce sediment and nutrient impacts on the lake.



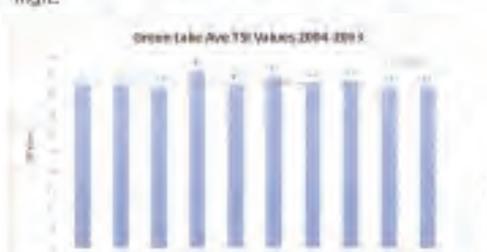
Chlorophyll-a is a plant pigment and helps determine a lake's biological productivity. While plant and algae growth is healthy to a degree, overproduction can harm the lake. Chlorophyll-a levels in Green Lake have seen a slight increase. The ecoregion average for Chlorophyll-a ranges between 5 and 22 µg/L.



Total Suspended Solids. The material suspended in the water can be both organic (plankton, sewage) and inorganic (silt, clay). By measuring total suspended solids, the effects of runoff on a water body can be determined. Total Suspended Solids have been generally stable and on the lower end of the ecoregion average of between 2-6 mg/L.



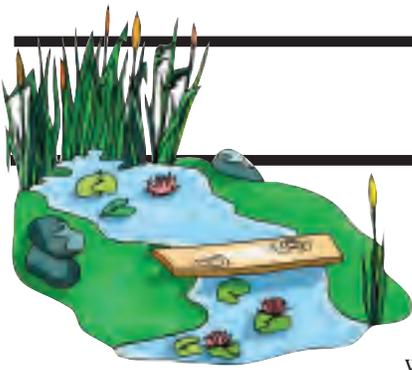
Phosphorus, a key element necessary for plant and algae growth, is determined via chemical analysis. In 2013, Green Lake Total Phosphorus (TP) concentrations were far lower than the ecoregion average (23-50 µg/L). Green Lake also met its non-degradation goal of <10 µg/L Total Phosphorus in 2013.



Trophic State Index is a method that can be used to determine the overall health of a lake. The trophic state indicates the overall productivity, or plant and algae growth, occurring in a lake. The TSI uses algal biomass as its basis and is determined by using three productivity parameters: total phosphorus, chlorophyll-a, and secchi disk. Trophic state values between 40 and 50 indicate mesotrophy (normal biological production for the area) and values between 50 and 70 indicate eutrophy (increased likelihood of algal blooms/scums and aquatic plant problems).



Nature Notes



Welcome to Minnesota, Land of 25,000 Lakes, Ponds, Rivers and Countless Streams! We need tell no one about the rainfall the month of June. With good fortune, rains will moderate, winds will temper their fury and Mother Nature will be more considerate in July.



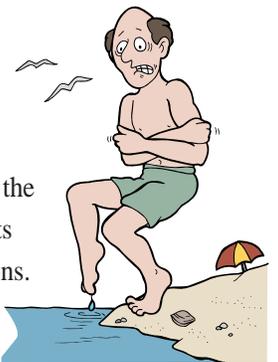
We have questions for our lake dwellers. Do rodents ever crossbreed? A person on the south side has seen a critter with the end of a red squirrel, bushy little tail and all, and the front is definitely a chipmunk. The lady is having fun with unusual sightings as she also has an albino raccoon in her yard.

Another person reported—and showed me—petunias that had been sheared off at ground level in her hanging planter—in the midst of her raised flower bed. Nothing else was touched; no footprints left behind. Go figure!

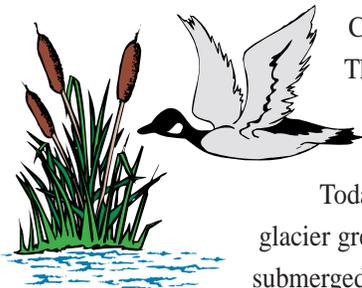


Another mystery was a moth—about two and a half inches long, at least - clinging to the side of a church office window. Long, brown streaks covered its back. I knew it was not a cecropia moth - that's much bigger and has an “eye” on its wings. A couple of us saw it in its place over an hour and a half time spread.

I hope you have taken time to notice the density and many shades of green tree leaves this summer. Japanese lilacs and fringe trees are thriving. Gardens that had a late start seem to be making up for lost time.



If someone hears a loud “whoop” or similar exclamation, he or she can be quite sure someone else has jumped in the cold, high water for the first time. Men, adjusting their docks for the umpteenth time, struggling to move boat lifts farther toward shore, pulling watercraft out of the lake until the water ebbs, usually go through similar vocalizations.



Canada geese with their families swim in a steady row—smaller, I've noticed.

Three or four goslings in each family—and they still have a nanny along with both parents. (Think they feel extra cautious after the weird winter and spring?)

Today (June 29th) the sky is bright blue; the few clouds cast the familiar glacier green and blue stripes upon the waters; the white caps riffle over submerged docks (Mother Nature did not receive the NO WAKE warning) the sun later in the afternoon cast a sparkling blanket over the lake.



Enjoy the Fourth of July at a reduced tempo—and the entire month with warmth and joy and camaraderie.

Gloria Benson



The Green Lake Breeze
Green Lake Property Owners Association
P.O. Box 362
Spicer, Minnesota 56288
www.greenlakespicer.com

Return Service Requested

Green Lake Breeze Music in the Park on Sundays

SCHEDULE 2014

- | | |
|-----------|----------------------------------|
| July 13 | Great Times Band |
| July 20 | Peace Lutheran Bluegrass Army |
| July 27 | New London/Spicer Community Band |
| August 3 | Roger Kodet Jazz Quartet |
| August 10 | Millpond Jazz Quartet |
| August 17 | Green Lake Bluegrass |



We hope you will join us from 4 to 6 pm in the Spicer City Park Deck area. Bring your own chairs. This event is funded in part by the Southwest Minnesota Arts Council and the MN Legacy Fund.