

ALLIGATOR AND INSPIRATION

It's All About the Water



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From Our President, Bill Witler



Greetings from Glen Lake

Your board and dedicated volunteers and staff are hard at work this spring monitoring and protecting our water quality. While early test results are favorable and our expectations remain so, we

are taking advantage of a Michigan Department of Environmental Quality (MDEQ) study and enrolling Little Glen to provide more monitoring inputs.

After many months, we successfully convinced the Michigan Department of Natural Resources (MDNR) and the US Department of Fish and Wildlife (USFW) to expand permitting to allow us to trap and relocate the common merganser duck broods on our lakes in 2017. This will have a material impact in reducing Swimmers' Itch incidents in 2018 and beyond. Please read more in Rob Karner's article about the investment we are making this year to gain the skills, experience and equipment to economically control SI in the future while becoming a regional research center. Once again, we are proud of the tremendous leadership and work product of our watershed biologist, Rob Karner, who works tirelessly for the GLA and ALL the lakes in Michigan. Our reputation grows as Rob's influence expands.

We need to elect five directors at our August 12, 2017 GLA annual meeting. Two of us, Dave Herr and Bill Witler will run for the second and final of our three year terms. We will be replacing Cara Cassard and Denny Becker who are concluding six years of contributions and service. We are also replacing the remaining one-year term of John DePuy who asked to step down for personal reasons. We thank all three, Cara, Denny and John, for their commitment and hard work. Our nominating committee and your full board provided us three well qualified candidates; Corrine Cochran, Dale DeJager and Edward Lanphier. A proxy card is enclosed for voting members who have not yet voted online. Dues must be paid by July 28 for your vote to be counted.

Communication continues to be a focal point as evidenced by the changes incorporated in this newsletter. Please follow us through the website, glenlakeassociation.org, and on our new Facebook page.

Please consider joining us on a committee, volunteering and recruiting new members. There are many new residents in our watershed. Please bring a new neighbor to the GLA annual meeting where we hope they will be impressed by our collective body of work.

Have a great summer!



As summer temperatures warm up and the swimming season begins, I would like to assure you that GLA is doing all it can to reduce the incidence and severity of swimmer's itch. Based on last year's unexpected surge in Common Merganser broods on Glen Lake (eight broods and 64 chicks), I anticipate challenging itch conditions that will likely adversely affect the 2017 swim season. As you have heard me say before, or perhaps it is new to you, if you swim "smart" you can greatly reduce getting swimmer's itch. Here are a few of my swimming tips:

- ◆ Swim in the deep water if possible (six feet and deeper)
- ◆ Do not swim in shallow water when there is an onshore wind
- ◆ Swim in the later hours of the day (4 pm or later)
- ◆ Avoid swimming in lake water that has had a sudden spike in water temp

Here are some of the GLA plans to help reduce swimmer's itch in 2018 and beyond:

- ◆ Find nests of mergansers and cover them to reduce future brood numbers
- ◆ Live trap and relocate all merganser broods on the lake
- ◆ Experiment with new ways to reduce itch on a particular shore

The GLA has taken the leader role in providing and training our own itch control and monitoring crew for itch control. The benefits are:

- ◆ Reduced costs in the future for live trapping and relocating
- ◆ Ability to operate and maintain our own "worm counting lab"
- ◆ Opportunity to help other lakes by providing lab services for their samples

Swimming after 4pm lessens your chance of getting swimmer's itch.

The GLA is leading the effort to experiment with a new technology that monitors itch around the lake, making precise measurements like never before and brings the evaluation of our effectiveness to a new level. So our new "itch lab" will be able to:

- ◆ Measure the number of "itch worms" per liter on different shores
- ◆ Compare our results with neighboring lakes for itch severity
- ◆ Reduce the cost of monitoring by eliminating an outdated "snail infection" metric

GLA has had help from Michigan Swimmer's Itch Partnership. They:

- ◆ Secured state appropriation funds to reduce the cost of controlling itch
- ◆ Increased our influence on state regulators to relax restrictions
- ◆ Accessed advice and guidance of world leaders in itch research
- ◆ Managed the master database of itch cases state-wide

The GLA has plans to do a fall only harassment program that will target any heavily infected mergansers that are migrating south and use Glen Lake as a stopping place to rest and feed. Our days of harassing mergansers in the spring will come to an end so as to not "spook" them and make it extremely difficult to do a springtime live trap program.

As always, feel free to email me at rkarner@leelanau.org if you have questions or concerns about swimmer's itch. If possible, please go on the GLA website and record your itch cases as another way to evaluate our progress.



Improved Road Safety Around the Lake

An ad hoc Road Safety Committee has been working for the last two years in an effort to reduce speed limits and improve road signage in high traffic areas around the lake. We are happy to report the following improvements:

The speed limit on Northwood Drive will be reduced to 40 mph this year, as a result of a speed study completed in 2016, requested by the township and supported by the GLA.

Speeds will be reduced to 45 mph for ½ mile:

- as you come down Inspiration Point heading S.E. on MacFarlane Road around Big Glen
- as you turn off M22 onto Day Forest Road, which includes the stretch of road with the boat launch. Cars/trailers are often parked along the road
- New signs have been installed to warn drivers about bike crossings and kayak portage areas on roads around the lake.
- Piano striping will be done at kayak and bike crossing areas this year.

Northwood Hardware has stocked “Kids Live Here” signs/characters/flags for residents wishing to calm speed limits by their property.

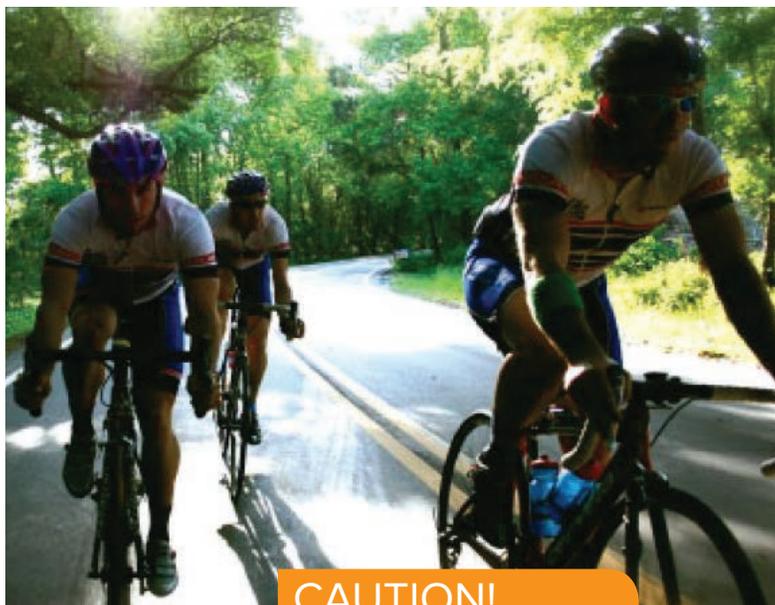
Working with Glen Arbor and Empire townships and the county, we will be experimenting with blinking “your speed” signs this summer to determine their effectiveness in calming speeds in high traffic areas.

We will be writing to truckers and bus drivers who routinely travel on MacFarlane and Dunns Farm roads asking them to please exercise caution, particularly during high tourist times when walker, runner, kayaker and biker volume is high.

Existing laws regulating road safety (e.g. speed limits, passing zones, etc.) do not recognize issues associated with tourist recreational areas including seasonal traffic congestion, bikers, kayakers, pedestrian traffic, etc. We have begun discussions with Senator Darwin Booher to seek legislative/policy changes for improving road safety around the lake.

MANY THANKS GO TO:

Leelanau County Road Commission,
Leelanau County Sheriff’s Department,
Michigan Department of Transportation,
Glen Arbor and Empire Townships,
the National Park Service,
Friends of Sleeping Bear Dunes,
and Northwood Hardware
for their support and participation
in this committee lead by the
Glen Lake Association



CAUTION!
People at Play

Glen Lake Association Annual Meeting

Saturday August 12, 11:00 AM

Optional Breakout Sessions at 10:00 AM

Check your mailing label for your “paid up” membership date.

The Glen Lake Association (GLA) Annual Meeting will be held on Saturday, August 12th, 2017 at the Glen Lake Community Reformed Church, 4902 W. MacFarlane Rd., Glen Arbor. The meeting will begin at 11:00 A.M. with two breakout sessions prior, starting at 10:00 A.M. Lunch will be provided for all attendees immediately following the meeting.

The GLA encourages you to bring a friend, particularly someone who has never attended the annual meeting. Free tree seedlings will be available for attendees. Let's continue replacing our trees decimated by the August 2015 storm.

BREAKOUT SESSIONS

Two breakout sessions will be one hour and discuss the following topics:

Swimmer's Itch Update - Come learn about the GLA's 2017 program to control swimmer's itch from GLA

Watershed Biologist Rob Karner. He will discuss current research, statewide initiatives, partners that are active in reducing swimmer's itch, funding needs, and what you can do to help. There will be an opportunity for you to ask questions at the end of the presentation.

Q&A with County Sheriff – This open Q & A session will offer you the opportunity to ask questions about legal issues pertaining to the lake.

VOTE FOR GLA BOARD MEMBERS

Membership will have the opportunity to vote for new Board members who are filling vacancies for terms that have expired or those seeking a second term. A Nominating Committee has identified qualified members and made their recommendations for the available positions. The GLA appreciates your participation on this important matter.

Many Thanks to Glen Craft Marina for their Generosity

One of the great aspects of being involved with the GLA is working with partners that generously give of their time and resources to make things run smoothly. One such gift comes from Glen Craft Marina. They provide a free boat slip at the marina each year along with free indoor winter storage for the GLA's boat (*RV Sarah*) that is used for water quality work around the watershed. This year marks the third year of a yearly gift (a value of \$11,400) and has helped make our water quality work smooth, effective, and efficient. So, a big thanks to GT and Kathy Alysworth for helping the GLA out in a big way!





3 Candidates for the Board



CORINNE COCHRAN'S family began coming to Glen Lake via steamer from Chicago in the early 1930s. Her mother, Grace Newcomb Cochran, attended Camp Kohana for 16 years beginning in 1933. She was a graduate of Pinebrook, which is now Leelanau Schools. Grace brought her new husband, Phil, to visit Glen Lake in 1951 and, as most do, he fell in love with the area and never returned to Wisconsin. Their children, Corinne, Annabel, George and Phil, spent their childhood summers active in the Glen Lake Yacht Club and Camps Leelanau/Kohana as campers and counselors.

A graduate of Principia College in 1981, Corinne began her career in executive search, specializing in the recruitment of senior lawyers for corporations. While in Chicago, she was involved in numerous community activities, including the board of Prevent Child Abuse America.

In 2013, Corinne traded her downtown Chicago townhome and Wacker Drive office to work from a home she shares with her two black labs, Henry and Molly. She now gets to do work she loves in a place she loves.

Over the years, Corinne has been active on the Glen Lake Yacht Club Board, and serves on the boards of the Glen Arbor Art Association, Genuine Leelanau and the GAAA Art Grows Here Capital Campaign.



DALE DEJAGER has been coming to Glen Lake almost every year since he was a child. In 1997 he and his wife Meg purchased a property (Narnia) on Big Glen which they had used seasonally. They replaced the building on that property in 2012 and feel very blessed to be permanent residents on Glen Lake since that time. Dale and Meg have three children and two grandchildren who bring them great joy. For the past few years, Dale has been involved with the membership and technology committees of the GLA working with others to upgrade the GLA database and email systems. Dale also hosts the Narnia webcam, visible on the GLA website.

Dale is a graduate of the University of Michigan and Harvard University. He worked for AT&T Bell Labs for 27 years developing and managing software for AT&T's systems and internet offerings. After leaving AT&T he co-founded and eventually sold a wireless internet business in Naperville IL. For the past 10 years, Dale has been a network consultant and has been (now remotely) employed by his former church in Naperville, IL as their technology manager.



EDWARD LANPHIER says Glen Lake has been a special place for six generations of Lanphiers. Edward's great grandfather built Grey Gables, a family home on the northeast shore of Big Glen in 1927 and, for 90 years it has served "magnetic north" for all of his decedents. In 2014, Edward and his wife Cam, purchased the old White Cottage on Northwood Drive that had been in the family since the 1940s.

Edward grew up in Springfield IL, attended high school in Connecticut, and graduated from Knox College in 1978. Since 1982, he has been actively involved in the pharmaceutical and biotechnology industries. In 1995, he founded Sangamo Therapeutics, a publicly traded biotechnology company developing gene therapy and genome editing approaches primarily focused on rare human diseases.

In the off season, Cam and Edward reside in Ross, CA. This summer they will celebrate their 35th wedding anniversary in the same place they were married...Glen Lake. They have four children; Ned, Kate, Lisa and Marnie.

Edward is involved with several organizations including chairman of the board, Sangamo Therapeutics; board of trustees, Buck Institute for Research on Aging; board of trustees, Choate Rosemary Hall; dean's advisory board, University of Michigan School of Public Health; and the past chairman, Alliance for Regenerative Medicine.

The GLA Names Research Vessel in Memory of Sarah Litch



With her husband, Mike, the Litches' were environmental advocates of Glen Lake.

Sarah Litch, longtime Glen Lake Association volunteer and advocate, passed away Dec. 2, 2016 after a long illness. Formerly president and director of the GLA, Sarah was instrumental in laying the groundwork for many scientific initiatives focusing on water quality and preservation. Her extensive history as an educator carried through in all things, particularly in authoring and publishing the "Lake Owner's Manual," and "Stewardship Checklist," for the benefit of watershed residents.

Glen Lake Association president, Bill Witle said, "*Sarah took the initiative time and time again to lead the GLA into the 21st century. Her vision, educational legacy and contributions reached beyond our Glen Lake watershed where we will benefit for generations to come. It is only fitting that we honor Sarah's memory by naming the GLA's boat the "RV SARAH", a research vessel.*"

Some of her visionary initiatives include: started nutrient monitoring along with aquatic plant surveys through the "Cooperative Lakes Monitoring Program" run by the state of Michigan; hiring the first "Lake Biologist," of any lake association in the state; worked with the Glen Arbor Township to successfully adopt an invasive species ordinance and spearheaded the high tech eradication of zebra mussels in Glen Lake.

In recognition of her passionate devotion to Glen Lake and Crystal River watershed, where she enjoyed countless hours with husband Mike, the GLA boat (research vessel) was christened "RV SARAH" by the board of directors.

The GLA helps with the M22 Challenge, which features biking around the lakes, a dune run, and a paddle across Little Glen. Any of the kayaks/SUPs, which have been in other waters recently, must be washed at The Association boat wash at Little Glen. A total of 374 kayaks/Sups were washed before the event in 2016.



We want to recognize YOU
for protecting Michigan's inland lakes.

The MI Shoreland Stewards program is a statewide recognition program developed by the Michigan Natural Shoreline Partnership to recognize lakeshore property owners who protect their lake through good shoreland management practices.

Become a MI Shoreland Steward!

- 1 Take the online questionnaire to determine if your lakefront property qualifies as a gold, silver or bronze stewardship level.
- 2 Learn important tips on how you can protect your lake and improve your shoreland.
- 3 Once you complete the questionnaire, you can print a stewardship certificate. If you want to let everyone else know you're a MI Shoreland Steward, purchase a sign to display in your shoreland.

www.mishorelandstewards.org

WITH REGARD TO “SCORE YOUR SHORE” -

The GLA strongly recommends that you engage in the online self-evaluation to determine if you are doing all you can to protect Glen Lake’s water quality. So far, we have had only a handful of riparians that have done it. Our goal is to have several hundred participate.

It only takes 20 minutes. So here is the link:

www.mishorelandstewards.org

Your GLA Board and Committee Chairs

BOARD OF DIRECTORS

OFFICERS

Bill Witler	President
David Hayes	Vice President
Lori Lyman	Secretary
David Herr	Treasurer

DIRECTORS

Dennis Becker	Ranae Ihme
Cara Cassard	Cal Killen
John DePuy	Bill Meserve
Tom Dutmers	Vic Peirce

Watershed Biologist
Rob Karner

COMMITTEE CHAIRS

Auxiliary	Joan Kramps
Development	Lori Lyman, Bruce Alton
Finance & Investment	David Herr
Fisheries, Wildlife,	
Recreation & Water Safety	John DePuy
Historian	Joan Kramps
Long Range Planning	Bill Witler
Membership & Records	Cara Cassard
	Tom Dutmers
Newsletter	Susanne Meserve
Nominating	Andy DuPont
Public Relations	Vic Peirce
Technology	Cal Killen
Water Level	Bill Meserve
Water Quality	Andy DuPont
Web Site	Vic Peirce

GLEN LAKE ASSOCIATION OFFICE

Sallyanne Morris - Office Manager
P.O. Box 551 231-334-7645
Fax 231-334-7470

GLEN LAKE ASSOCIATION WEB SITE

- www.glenlakeassociation.org
- email: glenlakeassociation@gmail.com



ANNUAL MEETING

Saturday, August 12 11 AM

(see page 4 for details)

Discovery Boat cruises still available! Go to our website: www.glenlakeassociation.org

THE GLA LAUNCHES 2017 PILOT INTERNSHIP PROGRAM



We are very fortunate to obtain the help of two extremely well qualified interns to assist us this summer. They will focus in our water quality arena where we are implementing a significant swimmers' itch strategy and building out our Guardian program originally delivered in 2015. These are just two examples that closely align with their education, experience

Internships
provide opportunities to explore jobs that match academic and personal interests

and qualifications. This program should provide great benefits to the GLA while providing valuable experience, references and workplace opportunities for our interns under a GLA mentor.

We fully expect that, based on our 2017 experience, we will be able to incorporate a formal internship program in the years to come. We will share more information about this exciting opportunity as details evolve.