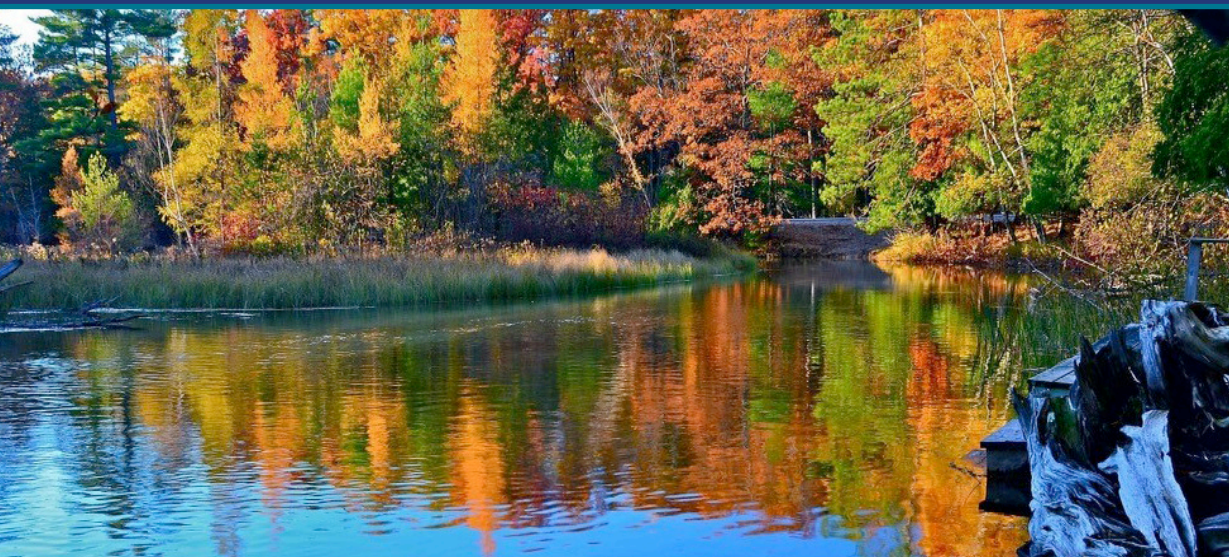




IT'S ALL ABOUT THE WATER



Spring 2022

To preserve and protect the water quality, natural resources and quality of life in the Glen Lake Watershed through leadership, education and collaboration.

The Glen Lake Association, Inc., is a 501c3 non-profit organization dedicated to the protection, preservation and continued improvement of the beautiful Glen Lake area.

From Our President, Edward Lanphier



2021...yet another "what a year"!! In 2021 we were vaccinated...3 times, we upgraded our masks, and our holidays were yet again "COVID-modified". However, the one slice of normalcy for GLA Riparians was our sanctuary, our happy place, the place we gather with those we hold most dear.

And when we went out on or into our oft dreamt waters, they were the same pristine waters we have always known. Why...not by accident but because of the generational efforts of so many including the Glen Lake Association which since 1945 has and continues to, monitor, assess and protect our precious natural resource.

While historically successful, we now find ourselves faced with extraordinary circumstances. The pandemic has catalyzed a pilgrimage to our watershed. This past year over 4200 boats went through our boat wash on Little

Glen....our front line of defense against invasive species. The staff at the boat wash removed invasive aquatic plants from dozens of boats, including Eurasian watermilfoil that has crippled parts of Lake Leelanau and will cost

millions of dollars to attempt to remove. Yes... due to the efforts of generations of Glen Lake Watershed residents and the GLA, our water quality has been preserved. *Without question, passion for exceptional water quality is our number one priority.*

We are also committed to education. The GLA hosted an internationally attended water quality symposium, published science-based best practices (and some amazing photographs) in our 20+ semimonthly eBlasts, and we are building a

new website to make it a more powerful tool for education, communication and water protection.

We have funded our operations through memberships and your generous contributions... THANK YOU!! Our annual expenditures are approximately \$250,000 of which our most significant line items are Water Quality, Invasive Species, Education and Member Communications.

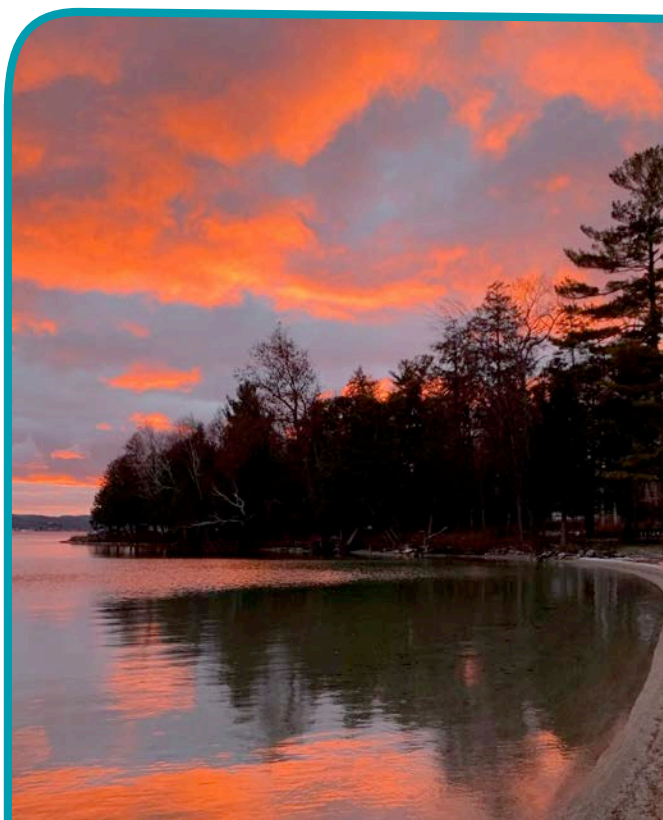
Finally, I want to thank my fellow Board Members, our incredible Staff, and all of the GLA volunteers for their tireless and selfless commitment to our mission... To preserve and protect the water quality, natural resources and quality of life in the Glen Lake Watershed through leadership, education and collaboration.

Thank you all for your generous support of the Glen Lake Association and for our collective shared passion for our beloved Watershed. See you on the Lake!!

Sincerely,

A handwritten signature in blue ink, appearing to read 'E. Lanphier', with a stylized flourish at the end.

Edward Lanphier
President, Glen Lake Association



It's all about the Groundwater Watershed

Two Watershed Boundaries

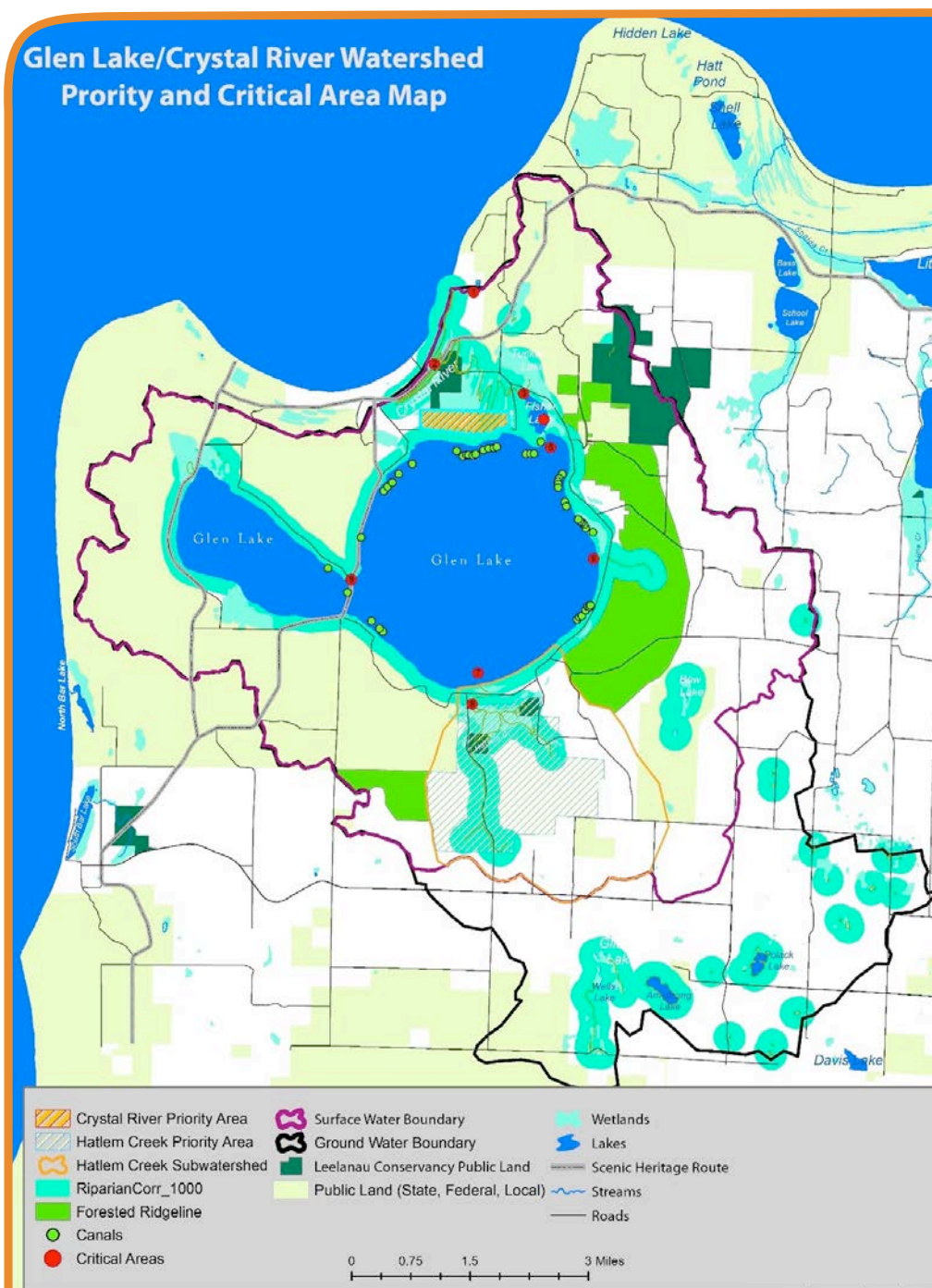
Did you know that the Glen Lake/Crystal River Watershed has two boundaries? The first, a state-approved surface water watershed that delineates the area from which rain/snowmelt travels over the surface of the land to join the surface waters of our watershed. The second, a groundwater watershed boundary, covers a larger area and contains both the surface water and groundwater that flows into our lakes and streams. Both are used in a variety of ways including long-term planning for water quality protection such as state approved watershed plans and even specialized regulation and zoning. Glen Lake is a spring-fed lake, with more than 50% of its water coming from groundwater and less than half from direct precipitation or surface water flow. So what we do on land can have a large impact on water quality, both directly and more significantly indirectly.

Watershed Plan Update

The GLA and its partners utilize a state-approved, comprehensive watershed plan as the guide for protecting our watershed, however our last plan was more than 20 years old! Fortunately, in 2019, the GLA received a \$25,000 grant to offset the cost of creating the much needed update. A 12-member steering committee has been working together over the past two years to compile the new plan and the more than 200 page document has now been submitted for formal review by the State of Michigan. Not only will the final updated plan be a tremendous guide for the next decade, it also positions the GLA to be eligible for future state grants. High thanks to those members who served on the steering committee!

Priority and Critical Areas

There are certain areas within the watershed, in addition to groundwater recharge areas, that warrant more extensive management consideration. Priority areas in the watershed are defined as the areas that are most sensitive to environmental impacts and have the greatest likelihood to affect water quality and aquatic habitat.



Our First Line of Defense

For more than 26 years, the GLA Boat Wash Station has been a model for other watersheds, offering boat decontamination services free of charge May through October, 24 hours a day, seven days a week. So far we have been successful in preventing additional aquatic invasive species from entering our waters while other nearby lakes are increasingly plagued by aggressive non-native aquatic species such as Eurasian watermilfoil. Glen Lake has held its own aided by the Boat Wash and local ordinances. Glen Arbor and Empire Townships, home to the MDNR launch site on Little Glen Lake were the first in the state to establish Boat Wash ordinances, those ordinances were the inspiration for Michigan's recently enacted aquatic invasive species laws.

We are extremely proud of our Boat Wash Program. Though only one of our many programs designed to protect water quality, it is our first line of defense. Detailed Boat Wash user data is collected via interview with each public access user including services provided, origination of watercraft and number and types of invasive species detected and removed. One highlight of each season is providing boat inspection and washing services for the Annual M22 Challenge Triathlon event. On top of the 1.7 million summer visitors from the nearby Sleeping Bear Dunes National Lakeshore (which comprises 40% of our watershed area), the M22 Challenge brings in competitors and their friends and family from all over the country and adds another thousand or more boats to our regular season Boat Wash traffic.

Over the course of its operation, the Boat Wash has screened tens of thousands of vessels and shows no sign of slowing down. In the past two years alone, boats passing through the station have increased by 33%, that's nearly 500 more boats a season! The Traverse City Area and the Dunes have been discovered, Glen Lake is no exception. If we are to ensure that the Glen Lake/Crystal River Watershed stays healthy and blue for future generations, our Boat Wash Program will need ongoing support.



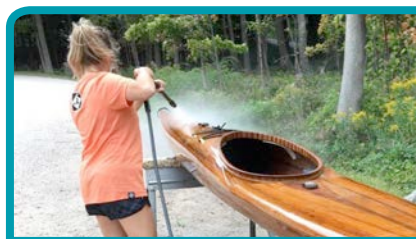
GLA Volunteer Susan Haughn and Board Member Corinne Cochran interviewing M22 entrants for invasive species inspection



GLA Intern Ann Richardson and Board Member Kris Fishman interviewing M22 Challenge entrants for Invasive Species Inspection



GLA Intern Ann Richardson Overviewing Boat Wash Operations for Freshwater Studies Students



Abbi Laurentius, Longtime Boat Wash Employee power washing M22 entrant boat



M22 Volunteers Jamie Robinson, Benzie Conservation District; Abbi Laurentius, Jim Foltz and Mary Jo Cole, GLA Staff/Volunteers

2021 Boat Wash by the Numbers

866
Boats Power Washed

552
Fishing Boats

622
Motors Flushed

4217 Total Boats
(a 33% increase since 2019!)

3531
Pleasure Boats

823
Info Sheets Distributed

2
Refusing Inspection

1
Bait From Other Lakes

3
Mussels Found

26
Aquatic Plants Found (14 Eurasian Watermilfoil)



Focus on Fish

The GLA Boat Wash also serves as an ideal location for sharing educational information on water quality and protection, and data collection from anglers. The fishing data is then shared with MDNR for the purpose of helping manage recreational and sport fishing, this digital “Creel Survey”, another first in Michigan for the GLA.

2021 Creel Survey by the Numbers

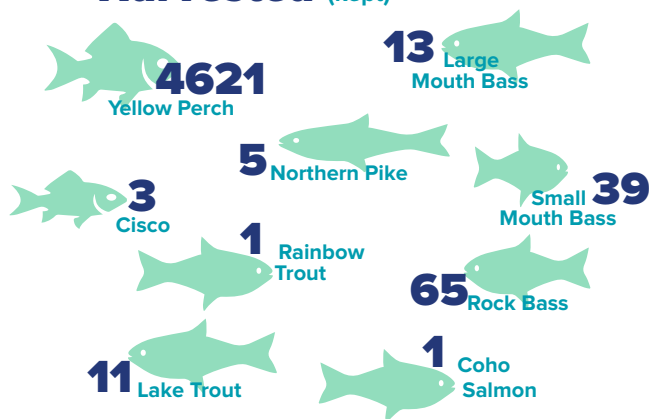


1988
Hours Fished

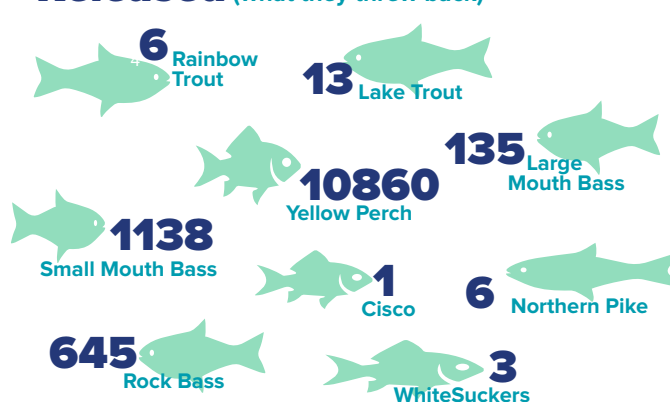
439
Fishing Sessions

849
Anglers

Harvested (kept)



Released (what they threw back)



Fisheries Sensitive to Changing Weather Patterns

The highly visible fish kill on Little Glen in May of 2021 was a rare event. According to our state fisheries biologist, it appeared that many fish species had moved onto their shallow water spawning beds when a weather related rapid rise in air temperature and subsequent rapid rise in water temperature proved more than the fish could tolerate.

Hopefully, we will not witness this type of event again, but it speaks to how sensitive our waters are to rapidly changing weather conditions. The increased frequency of extreme temperature swings and high intensity rain events could spell real concern for our fisheries unless we do all we can to mitigate the impacts. Natural and bioengineered shorelines serve not only

to buffer shores from wind, waves and ice, but can also prevent erosion and sedimentation from intense rainfall and reduce effects of rapid changes in air temperature.



Avoid the Itch!

Did you know that the latest research shows only about 30% of people are affected by swimmer's itch?

If you're one of the unlucky ones with the allergy to the parasite that causes swimmer's itch or simply prefer not to find out if you are, you can avoid exposure by taking a few precautions listed in the graphic below. The GLA also continues to partner with the international North

American Swimmer's Itch Reporting Network in an effort to better predict and understand swimmer's itch. We encourage anyone who does experience a reaction to use the swimmer's itch reporting link posted on the GLA website. 38 cases were reported in 2021. Be sure to both report and map your "itch", as this data is invaluable to ongoing research efforts to prevent swimmer's itch.



PREVENT
Uncomfortable
Swimmer's Itch

The infographic illustrates the life cycle of the parasite causing swimmer's itch. It shows a duck in the water, eggs being laid, a snail on the bottom, and a person swimming. Arrows indicate the path of the parasite from the water to the swimmer.

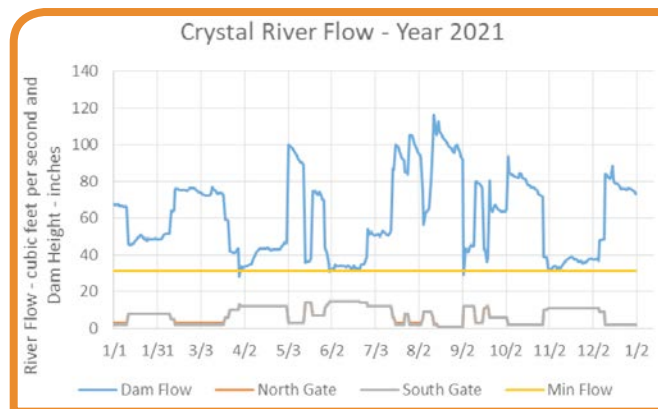
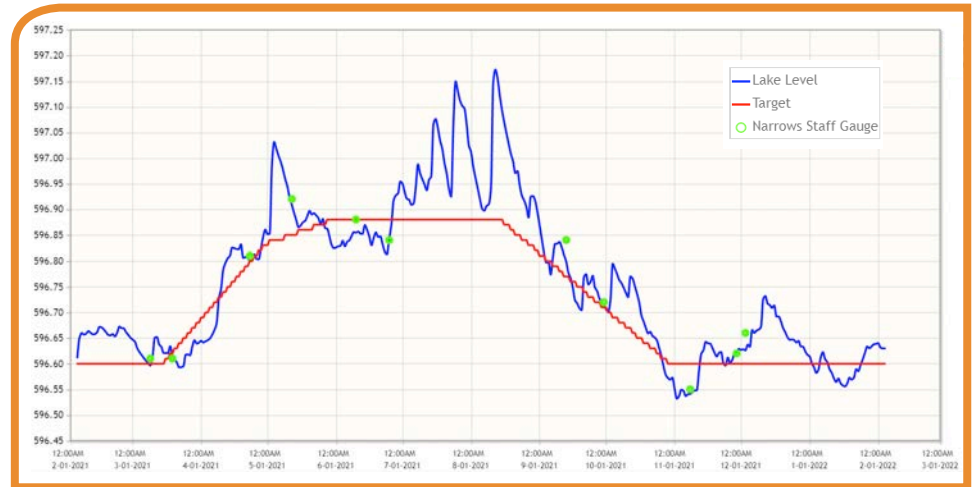
- Cover your skin with full body swimwear**
(SI rarely affects hands, feet, and face)
- Towel off very well immediately after swimming**
- Swim in afternoon or early evening vs. morning**
(SI risk is greatest before noon)
- Avoid swimming during an onshore wind**
- Swim in deeper water or**
- Use a parasite skimmer net to remove itch from surface water**
- Use a "kiddy pool" filled with well water for small children vs. shoreline lake swimming**
- Always use SI prevention, especially in shallow waters**

Brought to You by  **GLEN LAKE ASSOCIATION**

Water Level Committee Highs and Lows for 2021

Did you know the topic of lake level predates and was a key factor in the formation of the GLA more than 76 years ago? Here's an overview for 2021.

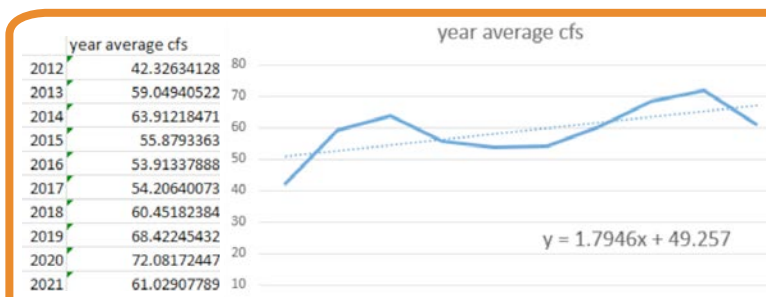
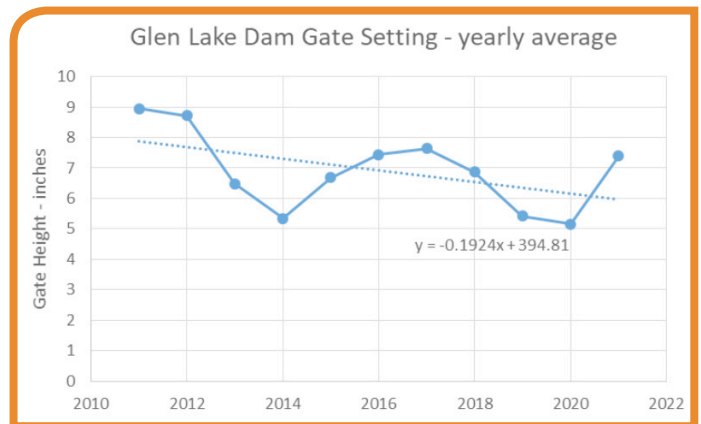
The blue dots are occasional readings of the staff gauge attached to the narrows bridge. These readings show that the auto gauge is reading correctly. The up spikes in lake level in May through July demonstrating a series of rain events of 0.15 feet (1.8 inches) and more. Like last year, we did not experience much summer drought or subsequent drop in lake level in late July and August.



The river flow chart for the year shows increased activity in gate changes as our weekly captains reacted to the rainstorms, raising and lowering the gates as necessary. The captains made 34 dam changes during the year. River flow never went below the minimum of 31 cubic feet per second target for more than a day. High flow caused breaching of the riverbank near the old mill in mid-July which was met with volunteer action to raise the dam for a couple of days. A meeting of the WLC was called to discuss the event and the positive response to it, resulting in an addition to the WLC Captain's Responsibility document. It was also noted that no serious culvert blockage occurred during the year.

In a similar method the gate settings were averaged over the years yielding an upside-down comparison to the river flow graph. Gates running lower through the years indicates more water leaving the lake i.e. more rain.

In 2021 the WLC calculated the yearly average river flow for the past decade. Using our website, it is easy to bring yearly data into a spread sheet and average it over 365 days. The trend is increasing flow indicating more rain. This is an interesting use of the data we gather



Big Thanks to the Water Level Committee's 4 members and 14 alternates, Members: Alan Kasper, John Kassarian, Cal Killen, Bill Meserve (Chair), Alternates: Dave Bohmer, Rick Fink, Greg Halik, John Lund, Vic Peirce, Dave Pejsa, John Peppler, Vik Theiss, Tim Westbay, Matt Wiesen, Jeff Gietzen, Amy Peterson, Rob Meyer, and Dale Dejager. Of these, Tim Westbay, Dave Bohmer, John Peppler have retired and we welcome new recruits for 2022, Bob Dekorne and Bruce Laycock.



The Watershed Wire: Water Quality News

Protect It and Inspect It!



Regular septic system maintenance can save homeowners thousands of dollars and protect public health. Learn more at www.epa.gov/septic.

Septic Study

With the absence of any sewer system in our watershed, all our wastewater goes into the ground for filtering, but growing numbers of visitors and residents have steadily increased the load. 2022 marks the third and final year of the GLA sampling well and lake water as part of a multi-lake study that should yield valuable data on the influence of septic systems on our drinking and recreational water. Don't take the chance that your system is malfunctioning. Avoid costly repairs and water contamination by scheduling an inspection of your septic system. Inspection is recommended every 3 years depending on usage and be sure to have your system pumped if indicated.

On the Hunt



Side by side comparison of native milfoil and harmful, invasive Eurasian watermilfoil

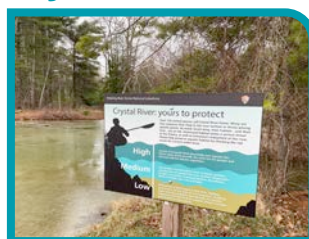
Luckily, low nutrient levels present in Glen Lake result in shoals that for the most part lack expansive underwater aquatic vegetation. However, we do have several areas where very diverse, healthy aquatic gardens thrive and the GLA monitors them in several ways for any changes. We are hyper focused on any sign of Eurasian Watermilfoil. If left unchecked, Eurasian Watermilfoil would cause great damage to our ecosystem. We depend on our Boat Wash to keep out invasive species, but also stand ready to act immediately should any be found.

Our Third Round of Shoreline Surveys

GLA will conduct a third shoreline survey this summer and with this information we will be able to statistically evaluate how riparian shoreline practices are impacting water quality. More lakes in the region are engaging in this type of monitoring, with standardized methodologies of capturing and evaluating the data, the ability to track changes, both positive and negative, is now possible. Want to learn what parameters have the biggest impact on water quality and improve your shore? Learn more at Be a Shoreland Steward - Michigan Shoreland Stewards (mishorelandstewards.org)

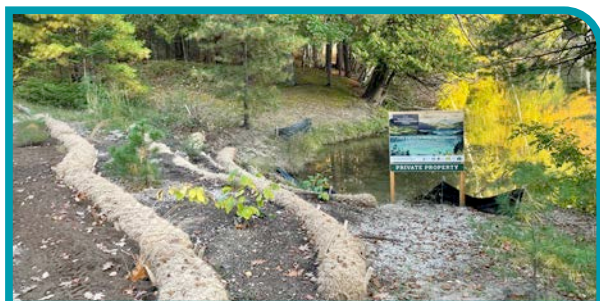


Crystal River Health Index



The Crystal River is scheduled for a "health checkup" during the summer of 2022. The basis of the checkup is to survey for specific, sensitive aquatic insects that if found, indicate that water quality is good. As with past evaluations, we hope to find that the river continues to be in good health in 2022.

GLA 2021 Stewardship Award



The Glen Lake Association recognizes those who go above and beyond and hopes that by their example, responsible development along lakeshore and riverbank will become the norm not the exception. The 2021 Stewardship Award recognizes the Crystal River Streambank Restoration Project. This private property site along M22 had experienced years of use and abuse as an unofficial access point for swimming and launching of watercraft.

Thank You to Faculty Row Neighbors: the Andersons, Gietzens, Huesmanns, Karners, Lees, and Ruiters with additional support from the Theiss's, Dentons, Blondias, Froelichs, Crystal River Outfitters, Northwoods Hardware, the Michigan Department of Transportation, and the Leelanau School, whose various contributions made the needed restoration a reality.

Next time you float the Crystal River or pass along M22 by bike or foot, check out the beautiful sign acknowledging this group effort and watch as ongoing work at the site adds further benefit to the river.



Discovery Boat-Back on the Water in 2021!

It sure was good to get back on the water with live Discovery Boat programming in 2021 after the pandemic necessitated we change course in 2020. The library of topic focused educational videos created as a result are still available, no matter the season or the weather. Check out the Glen Lake YouTube channel for a virtual tour anytime of year and be sure to reserve early for 2022 as our live cruises are limited and consistently sell out year after year.

Our 2022 season will offer morning and afternoon cruises, Fridays July 1, 8, 15, 22 and 29. Current GLA Members are eligible for discounted ticket prices and a limited number of private tours are available for Top Donors, contact Glen Lake Guardian Ambassador Tricia Denton for more information at glenlakeguardians@gmail.com.

Book your Discovery Tour!
Morning and afternoon
cruises available, Fridays
July 1, 8, 15, 22 and 29.



Denis Pierce Family and Friends

One of the best parts of the program is the chance to meet new people and begin long-term friendships that build community while helping us make progress toward treating our watershed with respect, learning about and doing all we can to be “lake friendly”. No two cruises are ever the same, there are always new discoveries to make. See you on the water this summer!



Hands on learning for every age



Rake Toss: All Hands on Deck, onboard the Discovery Boat



Fish of Glen Lake with “Captain” Joe Blondia



Clean enough to drink? Come onboard with watershed biologist Rob Karner and find out



Supporting the next generation of water protectors!



Holly Wright 2020 GLA Intern/FWS graduate, Cherrie McSawby FWS student, Ann Richardson 2021 GLA Intern/FWS graduate, Cara Murray and Casey McKinley FWS students

The GLA's Internship Program and Northwestern Michigan College Freshwater Studies (FWS) partnership just keeps getting stronger and the GLA has much to show for it. Former FWS student/Intern



Ann Richards

Holly Wright now contributes regularly to GLA communications through her independently created education effort "Habitat Story". And we could not have gotten through the 2021 Boat Wash Season without FWS Intern Ann Richards, who dove right in with professionalism and an enthusiasm. Ann, now FWS graduate, had this to say about her experience, "Working at the Boat Wash has not just been an entry into our water community for me, but a wonderful glimpse into the world of water protection and a rewarding learning experience." "It's breathtaking to stand by the dock as dawn is breaking and fog is burning off the lake, heavily obscuring the far shore in mist. In moments like these, more than ever, we are reminded that the health and beauty of our water is paramount, as is the work it will take to continue to protect it."

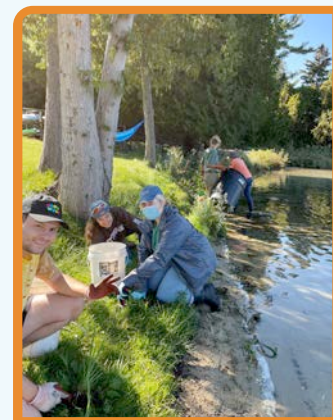


Cecelia Denton

Rob Karner had this to say about returning intern Cecelia Denton who first began her work with the GLA as a highschooler, now a college sophomore in Ecological Restoration, "It has been a real pleasure working with third-year intern Cecelia

Denton. To watch her grow in skill across many arenas has been over the top! Her latest work writing a comprehensive report to the Fisher Lake Association is testimony of her wonderful contributions to our mission." Cecelia plans to return this summer do shoreline restoration and assist with the 2022 Crystal River Health Index.

The GLA again hosted a cohort of new FWS students. Learning on water and land, students were introduced to the dynamics of algal blooms, water quality monitoring, Monkey Flower protection, lakeshore and streambank restoration, Crystal River Dam functions, the Boat Wash Operation including the Creel Survey Program. Having gotten an introduction to the connection between shoreline vegetation and water quality, students wrapped up their experience by assisting native/invasive plant specialist Laurel Voran with removal of invasive Yellow Flag Iris on the Fisher Lakes. Special thanks to the Smith Family for granting our group access to their property to allow for this hands on experience.



We are excited to report that the Indiana University O'Neill School of Public and Environmental Affairs has interest in working with the GLA to host internships for their masters and doctoral level students. The O'Neill School currently has the highest ranked graduate level concentration in natural resources policy and management program in the nation. We've already received some great applicants for 2022 and are looking to accepting more.

Special Thanks to those whose generous annual donations to the Patricia Dutmers and Elva Witter Memorial Funds make the GLA Intern Program possible. The GLA Internship Program is funded entirely by the generous donations of our members. Contact glenlakeguardians@gmail.com for more information on how you can support this invaluable GLA Initiative.



Congratulations to 2021 Honorary Member and Welcome New GLA Legends!

This year Honorary Member status was awarded to Chuck Ofenloch for his outstanding leadership and commitment to the protection, preservation and improvement of the Glen Lake-Crystal River Watershed. Charles Edward Ofenloch, "Chuck", has been a riparian and member of the GLA for a long time and has five grandchildren who can boast that they are the 7th generation of Dunns to enjoy summers on Glen Lake. Chuck served as Vice President, then President of the GLA from 2004-2008 and played a key role in bringing resolution to the Glen Lake-Crystal River court case. He has also served on the Water Level Committee (as Chair), the Glen Lake-Crystal River Technical Committee and as an original member of the Long Range Planning Committee. But perhaps most importantly Chuck recognized the need for the long term financial security of the GLA and when Chair of the Development Committee was instrumental in creating the Legend's program. Legends are families that have chosen to support the Association by including the GLA in their estate plan. Chuck remains a vital member of the Development Committee

The GLA also welcomed three new Legends in 2021, Jeff and Susan Carver-Janata, David and Susan Haughn, and Ken and Kris Fishman. Our most sincere thanks to the more than 40 families who have made the commitment to be Legends and/or donated at the Legacy(\$100,000+) level. The goal of the Development Committee is to provide strategies for the long term financial stability for the

Big thanks to Development Committee Members: Sue Besio, David Cassard, Tricia Denton, David Herr, Rob Karner, Stan Kryder, Edward Lanphier, Lori Lyman, Charles Ofenloch, Bill Witley, and a special thank you to Beth Stoner Wiegand for her professional leadership.

Association, preserving our fragile ecosystem for future generations through supporting our watershed protection programs. To learn more, please contact Development Co-Chairs Tom Dutmers or Kris Fishman at gtdutmers@gmail.com or Kbfishman@gmail.com.



GLA President Edward Lanphier presents Chuck Ofenloch with the GLA Honorary Member Award



2021 Legends David and Susan Haughn with GLA President Edward Lanphier and Vice President Lori Lyman, receive their "Legends" Watershed Clock



2021 Legends Ken and Kris Fishman with GLA President Edward Lanphier and Vice President Lori Lyman, receive their "Legends" Watershed Clock

The GLA Remembers Peter Anderson 1952-2021



The GLA was saddened to learn of the passing of former president Peter Anderson on December 23rd, 2021. Peter, or Pete as his friends called him, was President at a very important time for the GLA. He was instrumental along with Denny Becker in the fundraising effort to complete the Hatlem Pond dredge while simultaneously attending to many critical issues around the Lake.

Longtime GLA Watershed Biologist Rob Karner stated that he valued Peter's leadership for his ability to manage the immediate needs of the Association, while also planning for the long-term health of the watershed. Peter was also a key participant in the Long-Range Planning Committee of the GLA and committed to be a GLA Legend.

Pete represented the third generation of his family at Glen

Lake, first spending the summer at the lake in the early 1950's. Current GLA Board Member and Communications Chair Vic Peirce remembers playing in the sandbox at Maplecroft with Pete when they were four years old. Pete became a full-time Glen Lake resident a few years ago.

Peter will be greatly missed. He was a dear friend to the GLA and many. A memorial will be held Summer 2022.



Funding the Future of Water- 2021 Donors

The Glen Lake Association is proud to recognize the more than 400 individuals, families and organizations that contributed to our success in 2021. Our gratitude runs deep! Our members continue to demonstrate an unparalleled commitment to protecting this truly special watershed.

GLA Legacy Members- \$100,000 or more in Lifetime Giving

- * Besio, Greg and Sue
- * Knight, Joanne
- * Schilling, Barbara

GLA Patrons - \$50,000 or more in Lifetime Giving

- Campbell, Brian and Mary
- * /L Chormann, Richard and Carolyn
- Dean, Diane
- Finnegan, Paul and Mary
- * *Gosiger Foundation*
- * /L Hoagland, John and Carolyn
- * /L Lanphier, Edward and Cameron
- * Sprouse, Joanne
- Tuktawa Foundation
- * Peggy Zukin Family

Total Giving - \$10,000 and above

- * Anderson, Peter
- Grand Traverse Regional
Community Foundation*
- * /L Janata/Carver, Jeffrey and Susan
- * /L Lanphier, Edward and Cameron
- Lanphier, Rob and Linda
- * /L Pierce, Denis
- * Sprouse, Joanne
- * Peggy Zukin Family

\$9999 - \$5000

- * Beam, Jack and Renee
- Gordon, Dan and Magee
- * Skogsbergh, Jim and Diana

\$4,999 - \$1,000

- * /L Alton, Bruce and Christie
- * Anonymous
- GL-CR Watershed Signs*
- * Barry, Jr., Patrick and Cheryl
- * *The Barton Family Foundation*
- * Barton, Mr. and Mrs. James
- * Berlacher, Julie and Bob
- Boos, Warren and Beverly
- Campbell, Brian and Mary
- * Cheney, David and Judy
- Cook, Doug and Diane
- * Denton, Tricia and Shawn
- Leelanau Getaway*
- Duff, James
- Dumas, Tom and Darla
- * /L Dutmers, Jim and Susan
- * /L Dutmers, Tom and Monica

- * Dykstra, Jim and Ann
- Findlay, Eric
- * Finnegan, Paul and Mary
- * /L Fishman, Ken and Kris
- * Fornowski, Ronald and Charlotte
- Frank, Edmund and Eustacia
- * Gillula, Bill and Pat
- * /L Hamilton, Jeff and Diane
- Hare, Ross and Jayne
- * /L Hayes, David
- * /L Herr, David and Maureen
- Huffsmith, Joseph
- * Joseph, Stephanie
- * /L Karner, Robert and Barbara
- Klekamp, Peter and Laura
- Knight, Lester and Becky
- * Krapohl, Kaye *Krapohl Fine Arts*
- * Kryder, Stan and Joy
- Lanphier, Jonathon
- Leahy, Timothy and Margaret
- Lott, Bill and Karen
- * /L Lyman, Michael and Lori
- McDermott, Ed and Betsy
- * McShane, Steve and Kathy
- * /L Meserve, Bill and Susanne
- * Miller, Andrew and Janet
- * Miller, Larry and Melisa
- * Moore, Annabel
- Myers, Matthew *M22 Challenge*
- Nelson, Suzanne & Michael
- Oleson Foundation*
- Oliver, Jim and Diane
- O'Malley, Anne and Dick
- L Peppler, John
- * Quaraderer, George and Carol
- * Rose, Marcia
- * Shugart, Duane and Chris
- Dorsey's On Glen Lake
- Smith, Alton and Kathy
- Spitzner, Lance and Ania
- * St. Julian, Joe and Jennifer
- * Stege, Bill and Cherrie
- * Sutherland, Bob *Cherry Republic Inc*
- * /L Theiss, Vik and Susan
- * Turner, Thomas and Patricia
- Wakeling, Stephen
- Ward, Curt and Kristy
- * Westbay, Tim and Jacki
- * Wiegand, Beth Stoner and Bruce
- * /L Witler, Bill and Rita
- * Wright Holly *Habitat Story*
- * Zukin, Chris and Judy

\$999 - \$500

- * Adler, Barry and Lynn
- Anonymous
- * Bellows, Randall
- Bloom, Brian and Cheryl

- * /L Felicia and Robert Bloom
- Charitable Foundation*
- * Bohmer, Dave and Lynn
- * /L Boles, Bob and T
- * /L Cassard, Dave and Cara
- Christensen, Greg and Michelle
- Cutler, Jeff and Tamara
- Czerniawski, Ben and Kathy
- * Davis, Rodger and Debbie
- Doepke, William
- Duff, Mark and Kristin
- * DuPont, Andy and Olivia
- Dutmers, Chad and Macaire
- Dutmers, Tim and Jen
- * Fernandez, Lauren
- * *Freshwater Solutions*
- Garrison, Lindsay and Matt
- Glen Craft Marina and Resort*
- * Jorgensen Markevich, Lisa
- Kelley, Dean
- Kraege, Scott and Lisa
- * Krawczak, Larry and Anne
- * Lichliter, Bruce and Anne
- * Looze, Adam *Royal Blue Web*
- * Manders, Mark and Karen
- Marder, Dawn
- Martin, Van and Sharon
- * McCally, Woody
- McDermott, Anne
- * McElrath, Randy and Margaret
- * Meyers, Ann
- * Miller, Pat and Nancy
- Nichols, Ronald and Elayne
- * /L/H Ofenloch, Charles and Sara
- Ofenloch, John
- * /L Oleson, Carl and Jackie
- Paden, Kait & JJ
- * Petersen, Thomas and Jean
- * Potter, Randy and Sheila
- Reid, Douglas
- Riegel, Al and Kay
- * Smith, Pat
- Tubergen, Jerry
- * Wiesen, Matt
- * Wille, Tom and Sally
- Wood, Chris and Sally
- * Yanover/LaRiviere, Jennifer and Stephen
- * *Zero Gravity Aerial*

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* *Glen Lake Guardians*
L Legends
H Honorary Member



Glen Lake Guardians take to the streets in 2021

Guardians again took to the streets last summer with continued presence at Glen Arbor Farmers Market Tuesday's, and entry in the Glen Arbor 4th of July Parade and installation of new watershed signs. Special thanks to super volunteers: Pat Vredevoogd-Combs, Larry Faulman, and Susan and David Haughn for staffing the GLA education and information booth and for ensuring our parade entry was a success, also to Mike Litch, Bill Meserve and Shawn Denton for sign installation. If you missed getting a copy of the Special GLA 75th Anniversary edition watershed poster at the parade or GLA Annual Member Meeting, limited quantities are available through the SHOP link on the GLA website. Or look for our booth, weather permitting, this summer next to the Glen Arbor Town Hall at 6404 Western Ave on Market Tuesday's. We'll be there again in 2022, ready to answer your questions and provide helpful information on how best to enjoy the watershed while also protecting our shared waters.

WHAT CAN YOU DO?

- Become a Glen Lake Guardian Volunteer
- Join a Committee
- Advocate for our water
- Express your thoughts
- Ask questions
- Donate to help us achieve our goals



Thank you to Mike Litch, Bill Meserve and Shawn Denton for installing new watershed signs



Guardian Ambassador Tricia Denton greets passersby at a 2021 Market Tuesday in Glen Arbor



Volunteers Susan Haughn and Heather Schierholz carry GLA Banner and David Haughn hauls the RV Sarah in the 2021 Glen Arbor 4th of July Parade

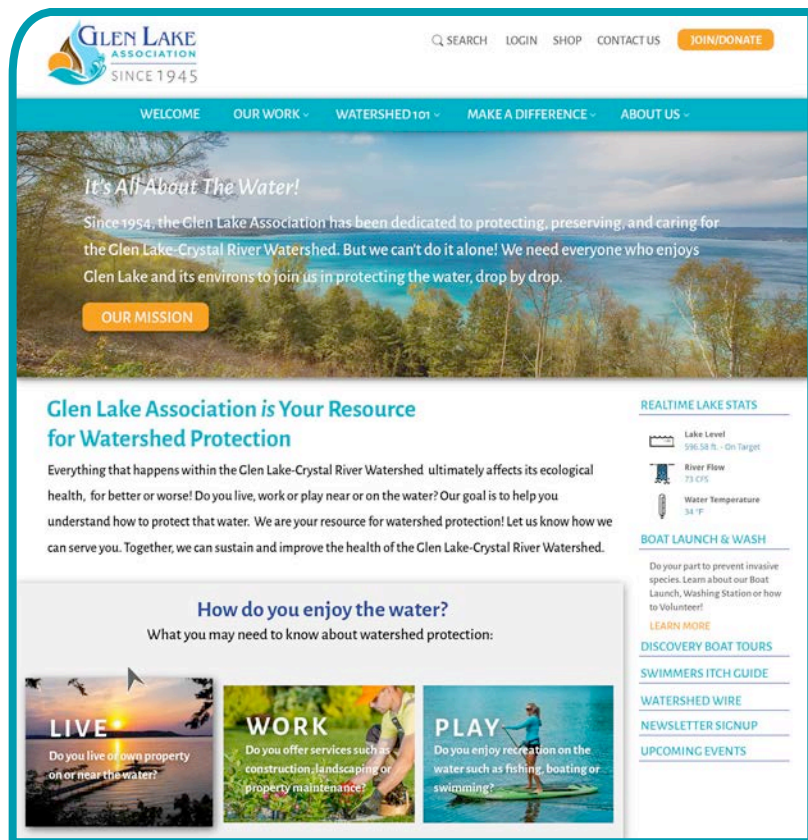


GLA Intern Cecelia Denton and "Captain" Thomas Denton delivered copies of the Glen Lake Guardian watershed poster

Coming Soon: New GLA Website!

To say that the GLA Communications team has been busy, would be an understatement. On top of publishing 23 eBlasts in 2021 to an average audience of 1075 with sustained open rates well above the average for other nonprofits, we average 8-10 social media posts per month for both Facebook and Instagram with a steadily growing number of followers, 1223 for Facebook and 752 for Instagram.

Our biggest labor of love over the past several months has been a much needed update to our website, headed by GLA Board member and Communications Committee member, Jen St. Julian. We really can't wait for you to see it and hope to have it launch ready just in time for summer 2022, Stay Tuned!



Your GLA Board, Staff and Chairs

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Rob Karner	<i>Watershed Protection Plan</i>
Jim Dutmers, Rob Karner	<i>Watershed Protection Project</i>

GLEN LAKE ASSOCIATION OFFICE

P.O. Box 551 | Glen Arbor, MI 49636
 231-334-7645 | Fax 231-334-7470

Office email: glenlakeassociation@gmail.com
 Guardian email: glenlakeguardians@gmail.com

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SAVE THE DATE!

Annual Member Meeting
Thursday, August 4



*Protecting the Watershed...
drop by drop*

How will you help secure the future?