

Monday June 5th, 2023 At Boone's Long Lake Inn Discussion Meeting: 5pm Deck Social: 6pm - 8pm



## Annual Discussion Meeting June 5, 2023

# LENG LAKE ASSOCIATION

www.LongLakeAssociation.com



- Meet the LLA Board
- President's Message
- Treasurer's Report
- Long Lake Foundation Update & LLF/LLA Partnership Update
- Committee Reports
  - Communications/Long Range Planning
  - Lake Management-Treatment
  - Lake Management-Water Quality including Internships
  - Lake Management-Zebra Mussels
  - Lake Management-Prevention & Water Safety
  - Fishing & Loons Update
  - Island Maintenance
  - Membership/Nominations/Recreation/Social
  - Lake Rules for Guests
- New Guardian level donor level in 2023 & LLA Wine Tumblers
- Raffle Sponsors & Prize List
- Charter Township of Long Lake Update
- Questions and Answer Session
- Adjourn to the deck!



# Meet the LLA Board

LLA BOARD OF DIRECTORS 2023		
President	Brent Schnell	630.750.5474
Vice President	Rick Dahlstrom	248.568.4263
Communications	OPEN	
Secretary	OPEN	
Treasurer	Janice Moy	231.421.3894
Membership	Becki Watson	616.690.8136
Island Maintenance	Cam Corteggiano	231.409.0010
Lake Management-EWM Treatment	Brent Schnell	630.750.5474
	Dave Baker	312.343.0241
Lake Management-Water Quality	Len Klein	231.941.7196
Invasive Species (Zebra Mussels)	Rick Dahlstrom	248.568.4263
Water Safety & Road Clean Up	Mark Walkowiak	231.499.0370
Wildlife (Loon & Fish)	Terry Motley	734.748.5707
Public Affairs	Mark Walkowiak	231.499.0370

Long Lake Association

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# PRESIDENT'S MESSAGE



# President's Message

- First of all, thank you to Boone's Long Lake Inn for hosting us again this year!
- The Long Lake Association will continue to strive to accomplish our main mission "to preserve Long, Mickey, and Ruth Lakes as a natural resource and recreation area through protection and prudent use of its environs." As part of this mission, we continue to have great success in controlling the levels of Eurasian Watermilfoil (EWM) thanks to your support.
- We will strive to evolve our EWM treatment program to take advantage of all possible control measures to create a hybrid approach including benthic barriers, new treatment types, etc. For example, we will be conducting a pilot of a new state-of-the-art treatment for EWM in Long Lake in 2023 and are also planning a benthic barrier pilot in Long Lake in 2023.
- The NMC intern program will be continued again in 2023 to assist us in our water quality studies.
- I would like to encourage any current LLA members to encourage any of your neighbors that are not LLA members to join for the annual membership fee of \$45.00 to help us in our mission to protect our lakes. Our current LLA members are our best recruiters!
- Finally, I would sincerely like to thank our partners: Oleson Foundation, Charter Township of Long Lake, Long Lake Foundation, and NMC for their ongoing support!







Northwestern Michigan College



## Budget Summary - Income FY 2023 [January 1, 2023 through April 30, 2023]

2022

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#### LONG LAKE ASSOCIATION FY 2023 BUDGET January 1, 2023 through December 31, 2023

	2023		Actual
	Budget	as	of 04/30/23
INCOME			
Contributions and Gifts	\$ 7,000.00	\$	121.00
Grants:			
Long Lake Township (\$2500 for intern program + \$9500 for Aerial drone services)	\$ 12,000.00	\$	1,243.78
Long Lake Foundation (\$2500 for intern program + \$2400 drone + \$1,100 other)	\$ 6,000.00	\$	1,243.78
Oleson Foundation (\$2500 for intern program)	\$ 2,500.00	\$	1,244.00
Logo Product Sales (100 insulated wine holder at \$25 each)	\$ 2,500.00		
Membership Dues (400 members at \$45 per member)	\$ 18,000.00	\$	226.00
Riparian Subscriptions	\$ 720.00	\$	14.00
Total Income	\$ 48,720.00	\$	4,092.56
Cost of Goods Sold (100 wine holders at \$15 cost each)	\$ 1,500.00		
Net Income	\$ 47,220.00	\$	4,092.56

• 58% of our funding comes from our partners and your cash contributions above the annual dues which allows us to be a break-even organization.



# Budget Summary - Expenses FY 2023 [January 1, 2023 through April 30, 2023]

<u>EXPENSES</u>		
Administrative & Financial (Brent Schnell, Janice Moy)	\$ 4,232.55	\$ 8.83
Communications (Cam Corteggiano)	\$ 1,955.00	\$ 158.89
Membership/Nominating (Becki Watson)	\$ 6,110.00	\$ 420.00
Lake Management (Brent Schnell, Dave Baker, Rick Dahlstrom)	\$ 28,775.00	\$ 1,325.00
Lake Science Committee: (NMC Internship, partners \$4,500) (Len Klein)	\$ 7,080.00	\$ -
Fishing and Wildlife (Terry Motley)	\$ 200.00	\$ -
Island Maintenance (Cam Corteggiano)	\$ 350.00	\$ -
Water Safety (Mark Walkowiak)	\$ -	
Total Expenses	\$ 48,702.55	\$ 1,912.72

- Almost 60% of our budget goes to EWM invasive species management.
- 15% of our budget goes toward the intern/water quality program



# Budget Summary – Fund Balance FY 2023 [January 1, 2023 through April 30, 2023]

Beg. Fund Bal. from bk statement: 24,874.53	1/1/2023	24,874.53	+ YE adj 51.28
Fund Balance Change / Income - Expenses		2,231.12	\$ 2,231.12
Reconciliation Summary register balance as of	4/30/2023	27,105.65	

• We are currently showing a solid cash position, but out main expenses are incurred from June through September each year for EWM partner services and to pay for the intern program (~\$36,000). Therefore, your prompt payment of LLA dues is very helpful to cover these summer expenses!



# Long Lake Foundation Update

- Benzie Boat Wash Demonstration provided by the Benzie Conservation District at Crescent Shores boat launch on the following dates:
  - Saturday June 10,
  - Saturday July 1
  - Saturday July 15
- We will use these events to distribute information (education) and to inform people of our boat wash station at the township offices.







# Long Lake Foundation Update



Long Lake Township has a boat wash to help prevent invasive species from entering our lakes. The boat wash is located on the side of the old fire barn attached to the township offices. There are signs that instruct on how to work the boat wash. Please turn off your headlights when washing your boat as a courtesy to our neighbors across the street. Please let your friends and neighbors know about the boat wash. All boats entering Michigan lakes need to be cleaned and clear of any aquatic hitchhikers.

Location:

8870 North Long Lake Rd. Traverse City, MI 49685



#### BOAT WASH STATION 6am - 10pm

cleaning boats and trailers DO NOT WASH ANY VEHICLES

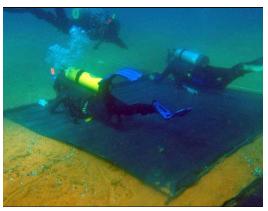
Do not use bleach or other chemicals. Use Water Only

Boat Wash Station Problems Call 231-946-2249



# LLF/LLA Partnership: Benthic Barrier Pilot

- The Long Lake Foundation has provided the Long Lake Association a \$3700 grant for a LLA benthic barrier pilot in Long Lake in addition to the LLF's \$2500 intern program donation.
- This pilot support LLA's goal to evolve our EWM treatment program to take advantage of all possible control measures to create a hybrid treatment approach.
- Benthic barriers have been successfully deployed in Lake Leelanau.
- Project milestones include:
  - Apply for EGLE permit (May 2023)
  - Pre-mat survey of plant diversity (July 2023)
  - Identifying and collecting native plants for revegetation (July-August 2023)
  - Preparing mat materials and setting mat (mid-late summer 2023)
  - Checking and maintaining mat (making sure mat is secure, pulling any milfoil, planting native species; one week after initial placement, every 2 weeks thereafter for a total of 5 times).
  - Post-mat survey of plant diversity will be conducted





Communications/Long Range Planning Chairperson | Cam Corteggiano

- LLA Email subscriptions is currently at 491 subscribers in mail chimp
- Join Now Continues to increase
- Facebook has reached over 1,200 followers
- Facebook total page likes: over 1,200
- Long Lake Association and Long Lake Foundation are working together to raise funding via an end of year joint letter to raise donations to preserve and protect the Long Lake Watershed.



# Lake Management – Treatment Co-Chairs | Brent Schnell & Dave Baker

- Controlling Eurasian Watermilfoil (EWM) is an important activity to maintain the quality of Long Lake for boating and other activities plus to allow native aquatic plants to thrive.
- In 2023, Long Lake Association and our partners Zero *Gravity* (the drone company) and Clear Water Lake Management (our targeted herbicide applicator) will be conducting Eurasian Watermilfoil treatments on June 20th and July 18<sup>th</sup>.
- In 2022, 12 acres were treated. This represents only about **0.43%** of the total area of Long, Ruth and Mickey lakes combined. We plan to treat 12 acres in 2023 (0.40%). The mapping technology allows us to precisely target areas where EWM is currently present greatly reducing the amount of chemical added to the lakes.
- Please note that the Long Lake Association (LLA) will conduct a trial with ProcellaCOR EC in Long Lake in June 2023 to control EWM.
- The Long Lake Association (LLA) is also planning a benthic barrier pilot in Long Lake in 2023.
- Long Lake Association membership dues are an important part of our funding to continue treating the lakes.



Lake Management – Water Quality Chairperson | Len Klein

# 2022 Lake Report:

- Most Parameters have remained fairly constant.
- Check the Long Lake Website for a full report

2023 Interns: Jennifer Burfield and Carol Ramsey

2023 Tentative Sampling and Testing Dates:

<u>1) Comprehensive</u> (depth, pH, conductivity, temperature profiles, Secchi depths, TDS, and sampling) 5/18 and 5/20, 9/7 and 9/8

<u>2) Moderate</u> (depth, pH, conductivity, temperature profiles, Secchi depths, and some sampling) 6/12, 7/10, 8/14

3) <u>Limited</u> (depth, pH, conductivity, temperature profiles, TDS, and Secchi depths) 5/30, 6/26, 7/24, 8/28

<u>4) Secchi Only (Water Clarity) (Len or Pete)</u> 5/23, 6/5, 6/19, 7/3, 7/17, 7/31, 8/7, 8/21, 9/12

Dates for Page and Fern Lakes are to be determined.

Phosphorus samples were taken on 4/13/2023



Lake Management – Water Quality Chairperson | Len Klein

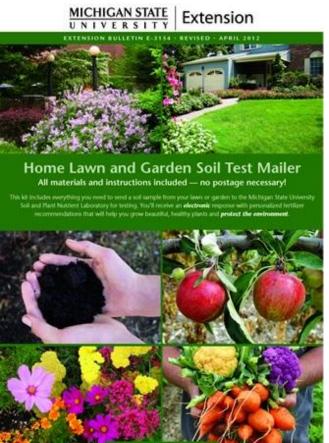
### Healthy Lake => Healthy Property Value and Recreational Value

- Don't fertilize near the lake. Consider creating a buffer zone
- Lakes receive phosphorus from the atmosphere and natural decomposition of aquatic plants, but problems "bloom" when they receive excessive deposits of nutrients from other sources.

#### **MSU Report includes:**

- --Soil texture
- --pH value
- --Nutrient levels for phosphorus (P), potassium (K), calcium (Ca) and magnesium (Mg) --Soil organic matter (OM) percentage --Personalized recommendations for fertilizer ar

--Personalized recommendations for fertilizer and any needed pH modifications





### Lake Management–Zebra Mussels Chairperson | Rick Dahlstrom

- In the last LLA Newsletter from the spring of 2022, we provided an article regarding the alarming emergence of Zebra Mussels in Long Lake. Before 2020, we had very few findings of this invasive species. As 2021 showed a significant increase in zebra mussel findings based on your reports, 2022 reports indicate the problem has only worsened.
- The number of reports you provided us in 2022 nearly doubled also with an increase in colony size.
- We researched several different options to eliminate or reduce these growing numbers. One method involves a product named Zequanox tested in Lake Michigan and on Round Lake near Petoskey. This project was done in open water over a large area, much like we would need to do for Long Lake. The project, conducted in 2017, was determined to be unsuccessful after a couple of years and at a very high cost.









## Lake Management–Zebra Mussels Chairperson | Rick Dahlstrom

- So, given the fact that there is no magic remedy for eradicating Zebra Mussels, what can we do? The LLA requests that you continue the excellent work from a year ago and continue reporting any findings. As you come across them, cleanly remove them from their attachment and destroy them on dry land. Do not leave any part of the mussel body in the water. Report the date and location to the LLA board. Contact Rick Dahlstrom either through email at <u>dahlstromrick5@gmail.com</u> or by text at 248-568-4263.
- PLEASE educate friends, relatives, and renters who may be bringing boats onto the Lake to wash their boats and clean out ballast or bilge tanks before launching. Put the new boat washing station at Long Lake Township to good use!
- This will be our third year of careful monitoring, and your cooperation is greatly appreciated. We hope to gain better clarity on the level of Zebra Mussel infestation, and your reports will be the key to that! Thank you for all that you do to maintain the high quality of Long Lake.



## Lake Management-Road Cleanup Chairperson | Mark Walkowiak

- The road cleanup date for Spring 2023 was May 23rd.
- LLA board members picked up trash along the northern edge of Long Lake along North Long Lake
   Road from the corner by Wheelock & Sons
   Welding to Church
   Road near Long Lake
   Grocery.



#### Adopt-A-Road Program

The Grand Traverse County Road Commission has been involved in a cooperative effort with local groups and families to retain the natural beauty of our area since 1991. We currently have 188 total routes with many left to adopt!. Groups are able to adopt a road for 2 or more years and perform 3 trash pickups per year along a 2 mile section of county road. An annual safety meeting among volunteers is also required. The Road Commission will provide 2 recognition signs, trash bags, vests, and trash pickup after the route has been cleaned.



# Lake Management-Water Safety Chairperson | Mark Walkowiak

- <u>Wakesurf Boat Guidance</u>: Per the Guidelines from Part 1 of Section 80149 from the Marine Safety Act, wakeboarders behind wake boats shall maintain a distance of 100 feet from any dock, raft, buoyed or occupied bathing area, or vessel moored or at anchor. This section of the Marine Safety Act also states always try to operate your wake boat in a counterclockwise motion around a lake.
  - For more information, please refer to the link below to the "MDNR Releases Special Report on Wake Boats" article: <u>https://mymlsa.org/mdnr-releases-special-report-on-wake-boats/</u>
  - Key takeaways are as follows:
    - When wakesurfing or wakeboarding, during which boat speed, wave shapers and/or ballast are used to increase wave height, operate at least 500 feet from docks or the shoreline, regardless of water depth.
    - When wakesurfing or wakeboarding, never operate in water less than 15 feet deep.
    - Completely drain ballast tanks before transporting a watercraft over land
- **Crescent Shores Boat Launch Attendant:** Once again this year, there will be a paid attendant funded by the Charter Township of Long Lake to monitor activity at the Crescent Shores boat launch. The funding for this position has now been added to the yearly budget of Long Lake Township. The boat launch is primarily manned on weekends and holidays.



Lake Management-Water Safety Chairperson | Mark Walkowiak

#### MARINE PATROL & OTHER ENFORCEMENT CONTACT INFO

- CENTRAL DISPATCH NON-EMERGENCY 231-922-4550 (non-emergency calls for service for Law Enforcement, Fire, and Emergency Medical Services)
- MARINE PATROL 231-922-2112 (seasonal enforcement of boating laws on inland lakes)
- DNR REPORT ALL POACHING (RAP) line-800-292-7800 (CALL OR TEXT) (If you witness loon harassment, poaching, etc.)
- Please try to get the MC number when reporting any incident. Pictures and especially videos of the incident are beneficial.



## Fishing & Loons Chairperson / Terry Motley

# **FISHING**

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- Long Lake continues to boast some of the best walleye fishing in northern Michigan with many limit catches reported in the spring, summer, and fall. Anglers also do very well fishing for perch, bass, pike, and bluegill throughout the year.
- We have inquired with the DNR about future walleye plantings to help improve fishing. The DNR would need to complete a walleye survey to determine if additional plantings are needed.
- The fish survey conducted by the DNR in the spring of 2017 was published last year. Long Lake continues to have the highest water quality and a solid and vibrant fishery. The full report link can be accessed from the LLA website, or you can download it at:

https://longlakeassociation.com/wp-content/uploads/2022/01/SFR2018-262\_740719\_7.pdf





Fishing & Loons Chairperson / Terry Motley

# **OUR LOONS**

- 2022 was another great year for the loon population on Long Lake.
- It was not uncommon to see large groups of 10+ loons on the lake during the summer.
- Long Lake continues to host the largest nesting population of loons in the Lower Peninsula.
- Last summer all 5 nesting sites were active, resulting in 5 chicks that hatched and left the lake in the fall.
- Currently, all 5 nesting sites are active in 2023. 7 chicks have hatched from 4 of the 5 nesting sites. Please stay at least 200+ feet from nesting sites and buoys. There is a \$1,000 fine for harassing a loon in Michigan.
- We are looking forward to another great year for the loon population in 2023.







## Island Maintenance Chairperson | Cam Corteggiano

- Long Lake's five islands provide lake users with a unique opportunity for recreation. Picnics, hiking, and anchoring off the shores of the islands are encouraged. However, fires and camping on the islands are prohibited.
- Removal of trash is a must and any trash that can be taken off is appreciated. Clean islands are a must for everyone to enjoy.
- Remember to avoid steep banks along shorelines to help prevent erosion.
- Poison ivy and the occasional fallen tree can be found along island trails, so hike cautiously.
- LLA will continue outhouse cleaning and stocking and litter patrol. Thanks for helping keep our islands clean for all to enjoy!





# Membership/Nominations/Recreation/Social Chairperson | Becki Watson

#### Annual Membership Stats Summary:

- (Calendar Year/# Members)
- 2012-2013: 373 members
- 2013-2014: 386 members
- 2014-2015: 426 members
- 2015-2016: 426 members
- 2016-2017: 443 members
- 2017-2018: 434 members
- 2018/2019: 455 members
- 2019/2020: 417 members
- 2020/2021: 446 members
- 2021/2022: 435 members
- 2023: ~400 members

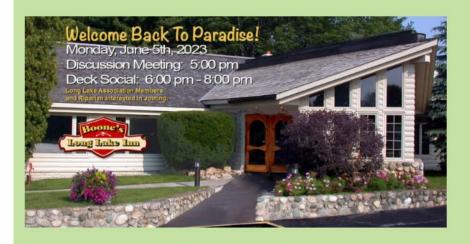


Special thanks to Marilyn Niebel for maintaining the LLA membership database!



# Membership/Nominations/Recreation/Social Chairperson | Becki Watson

 In addition to the Centurion donor level added last year, we have added a Guardian level donor level in 2023. We will be providing one free commemorative LLA wine tumbler for each Centurion level donation and two free commemorative LLA wine tumblers for any Guardian level donation.\*



Join LLA Supporting Membership

Centurion Membership \$145 receive one wine tumbler

Guardian Membership \$245 receive two wine tumblers

The wine tumbler(s) are our gift to you for deeply supporting our efforts in preserving and protecting Long, Ruth, and Mickey Lakes.

#### Limited Edition Wine Tumbler



Double Sided Printing

Display Your LLA Support!

Encourage other riparians to join and preserve our gems.

#### \*These donation levels do not include the Riparian magazine subscription



# Raffle Prize List

#### **2023 Welcome Back to Paradise Party Split the Pot Raffle Prize List:**

- Drawing 1: Moomers Gift Certificate (\$10 value)
- Drawing 2: One Long Lake Grocery XL 4 Item Pizza (\$20+ value)
- Drawing 3: One Long Lake Grocery XL 4 Item Pizza (\$20+ value)
- Drawing 4: One Long Lake Grocery XL 4 Item Pizza (\$20+ value)
- Drawing 5: Francisco's Market and Deli Gift Card (\$25 value)
- Drawing 6: Long Lake Animal Hospital Pet Treats (\$35+ value)
- Drawing 7: Hofbrau Steak House & American Grille Gift Card (\$50 value)
- Drawing 8: Hofbrau Steak House & American Grille Gift Card (\$50 value)
- Drawing 9: Dave & Karen Baker Wine Basket (\$70+ value)
- Drawing 10: Long Lake Marina Towable Tube (\$90+ value)
- Drawing 11: Grand Bay Marine/Walstrom Marine Gift Certificate (\$250 value)
  Grand Prize Drawing: Split the pot: 50% of the raffle cash collected

#### \*\*\*Plus special bonus prizes: Boone's Long Lake Inn SWAG!!!\*\*\*



# **Raffle Prize Sponsors**











#### Special thanks to our generous local business raffle drawing sponsors!

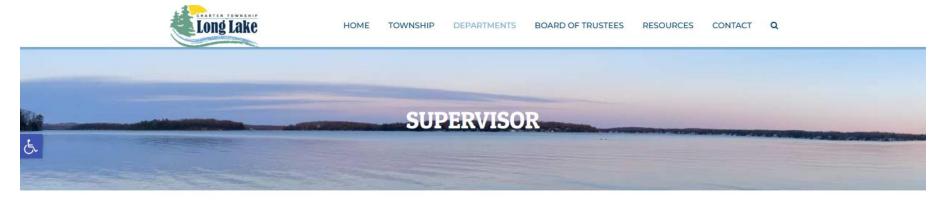


# Lake Rules for Guests

- If you rent your home/cottage, please remind guests that your neighbors are year-round residents. Please be respectful and keep noise low, especially in the evenings. Turn off outdoor lights before going to bed as these can shine directly into neighboring houses and even into homes across the lake.
- To file a complaint about a short-term rental, call the Long Lake township complaint hotline anytime at (231) 600-7044. You can also call the office during regular hours 8:00 am through 5:30 pm (closed at noon), Tuesdays through Fridays at (231) 946-2249.
- For those operating a wave runner, the law states that a person shall not operate a PWC on the waters of this state from sunset to 8:00 A.M local time. Contact Marine Patrol at (231) 922-2112 to report violators. For more boater safety information, please go to <u>https://mymlsa.org</u>.
- Please be mindful and respectful of the many loons and other wildlife when on the lake. Many loons will have young with them, which are hard to see. Loon Watch's general rule of thumb for good loon etiquette is to keep a distance of two hundred feet from loons and loon chicks. State and federal laws prohibit the disturbance and harassment of the loons and wildlife. There is a \$1,000 fine for harassing a loon in Michigan. Report complaints to Traverse City DNR at (231) 922-5280 or Marine Patrol at (231) 922-2112. If this is not successful, contact the DNR at their 24-hour RAP line per the info below:
  - If you witness a natural resource violation (e.g. loon harassment, poaching, etc.), contact the DNR REPORT ALL POACHING (RAP) line at 800-292-7800 (CALL OR TEXT). The RAP Center is staffed 24 hours, seven days a week. Please take pictures/video, if possible, per the DNR's request. Video is highly preferred! Please provide the MC number of the offending watercraft when reporting incidents. Otherwise, no action can likely be taken.
  - This information can also be found at the <u>https://longlakeassociation.com/fish-wildlife/</u> portion of our website.



# Charter Township of Long Lake Update





RON LEMCOOL – Township Supervisor supervisor@longlaketownship.com

8870 North Long Lake Rd. Traverse City, MI 49685 Phone: 231-534-4277 Welcome to beautiful Long Lake Township. We hope your experience living in the community of Long Lake will be a pleasant one. We invite you to stop by our Township Offices at 8870 North Long Lake Road and say hello. We have a very competent staff that is available Tuesday through Friday from 8:00 a.m. until 5:30 p.m. We have many parks and natural areas for your enjoyment. Whether you like active recreation or the solitude of the trail in the woods, we have several to offer. Please note that Taylor Park is handicap accessible. We hope you will enjoy the numerous amenities that Long Lake Township has to offer.

#### **MISSION STATEMENT**

It is the mission of the Charter Township of Long Lake to provide for the health, safety, and well being for all citizens of the Charter Township of Long Lake by providing municipal leadership dedicated to sound fiscal management, protection of the natural and historic environmental resources, and to preserve and enhance the features that make the Charter Township of Long Lake unique to improve the quality of life for present and future generations.



# **Questions and Answer Session**

• Any questions for the Long Lake Association Board Members or for our guest speaker?

#### WELCOME BACK TO PARADISE!

Monday June 5th, 2023 At Boone's Long Lake Inn Discussion Meeting: 5pm Deck Social: 6pm - 8pm



# Thank you! Annual Discussion Meeting June 5, 2023

# LENG LAKE ASSOCIATION

www.LongLakeAssociation.com