



Mirror Lake

ANNUAL MEETING NOTES
MIRROR LAKE PROTECTIVE ASSOCIATION
P.O. BOX 311
MIRROR LAKE, NH 03853

Mirror Lake Protective Association Annual Meeting
Saturday, July 25, 2023 - 9:00-10:00 AM
Tuftonboro Fire Station 189 Middle Road Center Tuftonboro, NH

1. Welcome. Kathy Sciarappa presiding

Quick intro to the Website with the opening page. Water Quality and Land Conservation are our two main topics. Going forward full minutes of our annual meeting

Dusty Davies, Normal Milne, Gene Kelley, Ann and Joe Torregrossa, Tiina Urv, Seamus, Val Zunchuck, Fran O'Donoghue, Larry Gil, Steve Cloutier, Suzanne Mais, Andrew Reindel, Sarah Reindel (Sarah.reindel@comcast.net), Jerry Nichol, Eileen Smith, John Orrall, Steve Scapicchio, Joan Lachner, Kip Lachner, Carl Hesler, Jr, Kim and Steve Plante (pigsfly@metrocaster.net), Doris Briggs, Kathy and Al Sciarappa)

2. Approve Minutes of 2022 Meeting

Motion to accept the minutes of the 2022 Annual Meeting, seconded.
Motion passed. (none opposed, no abstentions)

3. Treasurer's Report Robin Muench

Ending balance \$53,146.
Motion to accept the Treasurer's Report, seconded.
Motion passed. (0 opposed, 0 abstentions)

4. Nominations to the Board

Steve Cloutier reported there are two board members, Dusty Davies and Larry Gil, whose terms are up, and the nominating committee has nominated them to be re-appointed to the Board;
Motion to re-appoint Dusty Davies and Larry Gil to the MLPA Board of Directors, seconded.
Motion passed. (0 opposed, 0 abstentions)

5. Membership

Re-elect the whole slate as accepted.
Motion, seconded. All accept. 0 oppose, 0 abstain.

6. Standing Committee Reports

Water Quality—highest value committee. 40 years of history collecting data and analyzing info.
2008 first Cyanobacteria Outbreak.

Kate Hastings NHDES cyanobacteria Harmful Algal Bloom Scientist

At the website of DES can see lots of info about testing. Also, a place to **Report a Bloom**, give directions on how to collect info and a sample and bring it to Concord. Also have a **Healthy Swimmer Mapper**. To see where things stand for the week. Can see the details and results for Mirror Lake. If no data, then no bloom in progress. Can use this site to see if there are warnings for places you might want to visit.

Don Kretchmer. Certified Lake Manager. Worked a lot with us. DK Water Resource Consulting. Out of Wolfeboro, NH. Lots of lakes are getting grants as we first did in 2008. Used Geosyntec to do our first plan. We have completed all the suggestions recommended by this plan (164 pages. On page 74 lists the projects

that we should do, and we did!) And now we want to prepare a second plan. FB Environmental Services. Forrest Bell is FB. We are eligible for a NH Clean Water State Revolving Fund (NHCWSRF.) Municipality borrows the money, but MLPA would pay the interest of \$2-3k. This is a revolving forgivable loan. Used to develop and execute the plan and we need to complete the recommendations. Submitted a pre-application on June 1. In August we may be offered the opportunity to get the loan. Next step would put a warrant article in March for a vote.

Conversation/Discussion.

Wolfeboro is doing it currently. Lake Winnepesaukee Assoc. is also doing this.

What happens if we don't get something done, what control do we have over the goals? Is there a liability to MLPA? The global plan is produced by FB Environmental, much of the recommendations are doable. The community septic is not likely to be a concrete goal. Likely to go back to work of previous projects and do some updates and some additions/revisions to ensure maximum lake protection. We are obliged to plan, that is part of the \$100k. The town is on the hook for the loan, we are on the hook to complete the plan i.e. make a plan and execute it. We will not put in the plan anything that is not possible to do. We are only looking at feasible projects.

To keep away from community septic system problems, every property owner should have the system pumped at a regular basis and have issues addressed. A septic inspection is different than a pumping and a worthwhile expense.

Community Engagement. Summer calendar of events

July 3 Boat Parade—Mirror Lake start of Independence Day celebration

July 19- ML Afternoon Boat Social 4pm on the lake

Aug 2- Bistro 19 Social Mirror Lake Mingle. At Kingswood Golf Course

Aug 5- Yard Sale Mirror Lake Post Office

Aug 16- Dock Cocktails on your own dock or join with your next door neighbor

Aug 19- Kids Cardboard Boat Race Boat –decided not to pursue this as it conflicts with the town race at Old Home Days celebration.

7. MLPA Website

Kathy introduced the new website that will be up and running shortly. She navigated through a few of the especially interesting and exciting features including some upgrades over our previous website. There is something for everyone!

8. Long Range Planning

a. Core Sampling Kathy Sciarrappa:

The Deep Hole area is the spot in our lake most likely to be the biggest problem (legacy load) for cyanobacteria. This is due to the funnel effect of the cyanobacteria sinking into this lowest section of the lake. As cyanobacteria is millions of years old, it is both deceptive and adaptive. When you see a bloom, it has been somewhere else and bloomed up to be visible wherever the wind took it. Consequently, we need to do some core samplings to confirm what is at the bottom of the Deep Hole. The best lab is the one used by FB Environmental. We are entering a partnership with DK and FB to do this core sampling. The plan is to collect both deep hole and shallow sample areas. Core samples will inform how much naturally occurring cyanobacteria is in the lake and what is the natural binding material. Analysis of the core samples will help to determine the composition of the base of the lake. The goal is to get a series of levels of sediment and identify the composition of deep hole. Analyzing the data will lead to determining a good mitigation strategy. By our investing about \$10k this summer from the MLPA, it is a good show for the town of our investment into the well-being of the lake. The process of collecting and analyzing the data combined with looking at other data that we have gathered over the years, may be expensive, but seems to be crucial.

Having information such as the high lake water right now that is pulling phosphorus from the plants and soil that usually is out of the water gives us information about our annual activity and how that influences long-term results.

b. Land Conservation Committee. John Dawson, Chair

The land around the lake is a threat to cyanobacterial problem because phosphorous can travel into the water from water flows across the land and be deposited into the lake. When landowners are good stewards of the land, they help mitigate the flow of phosphorous into the lake. The town owns the property that goes from Mirror Lake to route 109. The town now owns the land between 109 and the water. The other side of the waterway is owned privately by either the church or a resident.

A goal of the MLPA is to continue working to place the largest parcels of land, especially those with waterfront, into land conservation.

Hersey Cove—This is a very expensive project but has tax benefits for the landowner.

9. Old Business—Kathy Sciarrappa

- a. **The members were asked to consider and affirm the following resolutions adopted by the MLPA Board of Directors at their meeting on June 10, 2023. They agreed and now the membership is being asked to vote.**

Resolution #1:

Resolved, that the following proposal which MLPA and the Tuftonboro Conservation Commission presented to the Board of Selectmen on Monday, May 22, 2023, is hereby ratified, confirmed and approved: That the Town of Tuftonboro apply for a \$100,000 forgivable loan under the NHDES Clean Water State Revolving Fund, to develop Phase II of the MLPA Watershed Management Plan, and if such proposed loan is approved by the state of NH, and by the voters at the Tuftonboro Town Meeting in March 2024, MLPA shall reimburse the Town of Tuftonboro up to \$4,000, representing the interest only, on said loan.

Motion, seconded. All in favor. 0 oppose, 0 abstentions.

Resolution #2

Resolved that MLPA authorize up to \$10,000 to engage a certified lake manager company to take core sampling of the deep hole area of Mirror Lake to determine the nature and composition of the sediment for the purpose of future mitigation and planning.

Motion, seconded. All in favor. 0 oppose, 0 abstentions

10. New Business:

Buoy markers—Steve Cloutier contacted the state, and we got some new markers and repairs for some others.

Recognition of deceased community members.

Steve Briggs (passed away this year)—Museum Shores- huge contributors, very generous in gifting funds. Mrs. Briggs at the meeting and very appreciative of the effort of the MLPA.

George Davies- huge contributors, ran the bocci ball tournaments, cookouts etc. many years of support.

Jim Lawrence- (wife Joan still resides on Mirror Lake.) Jim had the famous Teepee seen in earlier boat parades plus a native American statue. Party house. Son Andy had wonderful things to say about his Dad.

Bill Tryder (Julie wife still resides on Mirror Lake). He was an early website and tech master at the start of our first forays into MLPA technology.

Roxanne Nichol-2021
McCarthy Anna Bill and Marion McCarthy
Colleen Manzee in June.

11. Quick Notes and short comments:

- a) Consider MLPA in your estate planning as those connected with other lake associations encourage
- b) Lake Host—Larry we need more volunteers. We upped the pay to \$15/hr. Need as many volunteer hours as we have paid host. It's a matching grant goal. Purpose: We don't want boats carrying foliage (milfoil mostly) into the lake. Also allows up to have an idea of what is going out of the lake in case we can learn about unknowns in Mirror Lake. Paid hosts are on Sat and Sun in 2-4 hr. shifts. Clean, Drain, Dry is the Lake Host Program motto. Thinking about "Where are you going and where are you coming from?"
- c) Weed Watcher program—someone thought they saw milfoil near the boat launch. Larry and two others looked and didn't see anything.
- d) Loon Preservation Society –sounds of the loons on the website.
- e) TR volunteered to care for the loon nest. The rogue in the lake and our male are fighting it out this year. If the renegade is still around our pair will not mate to produce chicks.
- f) Membership. Goal is 100, made it to 74 members, 29 active volunteer members (39%). It helps our grants if we get more members as that indicates we have the support of the community.
- g) Apparel—we need someone to take it over and Norma Milne is going to take it back temporarily.
- h) Aquatic Plant Monitoring Program

Think about the Past; Be mindful of our Present; Plan for the Future—happy to have new members. July 16, 2023 revitalized the Weed Watchers.

- i) Welcome Team—be a greeter to your neighborhood. We need people to join in this effort to inform about the MLPA etc.
- j) Act! If you have an issue you want to address in NH, you can contact your legislator. On the website you'll be able to find your representative (select your town), it's easy to be aware of what is going on in the legislature.
- k) Water Summit and LakeSmart living helps you to understand what you can do around your property. Kathy engaged in the LakeSmart assessment and got info on three issues on her property to deal with. Easy; quick and effective, these three improvements make a difference. LakeSmart is a good process.
- l) Lloyd Wood reminded us that the meeting room is dedicated to Mrs. Carrey who died in the fire. The MLPA is an important member of the community.

Adjourn 10:05.