



Message From the Board of Directors



JULY 2022 FLIA NEWS LETTER

www.ForestLakeNH.com

A 501 (c) 3 ORGANIZATION

2022 SUMMER CALENDAR OF EVENTS – PLEASE WRITE THEM DOWN NOW

Saturday, July 2, 2022	BOAT PARADE, MUSTER AT THE NORTH END	6:30 PM
Sunday, July 3, 2022	RAIN DATE FOR PARADE	6:30 PM
SATURDAY IN JULY	2cnd SOCIAL GATHERING	4:00 PM - 6:30PM
AUGUST	WORK DAY ON THE DAM, YARD WORK	TBD
AUGUST	SECOND VLAP WATER TESTING	TBD
Saturday, August 27, 2022	ANNUAL BUSINESS MEETING AT THE GROVE ***	4:00 PM
Saturday, September 17, 2022	PICKLE FESTIVAL	10 AM - 4 PM
OCTOBER	DAM WORK, CRACK REPAIR	TBD
*** There will be no picnic this year. Deserts & Snacks will be available		
MILFOIL HARVESTING WILL TAKE PLACE ALL SEASON LONG, DATES AND TIMES WILL BE ANNOUNCED AS THE NEED ARISES		

BOATING ADVISORY

Courtesy, Courtesy, Courtesy is the primary rule of the water in all cases.

Forest Lake boaters have subscribed to the counterclockwise boating path for years. Please follow the counterclockwise navigation path whenever possible.

No boat inside 150 feet from shore can be going above wake speed. Most water ski ropes are 75 feet long. Twice the distance of a ski rope is the distance ones needs to be from shore to be going above wake speed.

Any damage caused by a boater's wake is punishable by restitution and or fines

Anyone 13 years of age or less must be wearing a Coast Guard approved life vest at all times when on the water.

Riding the gunnels, bows, or transoms is not allowed in NH waters.

Everyone 16 years of age and older who operates a motorboat over 25 horsepower on New Hampshire waters must have a boating education certificate from an approved issuing agency.

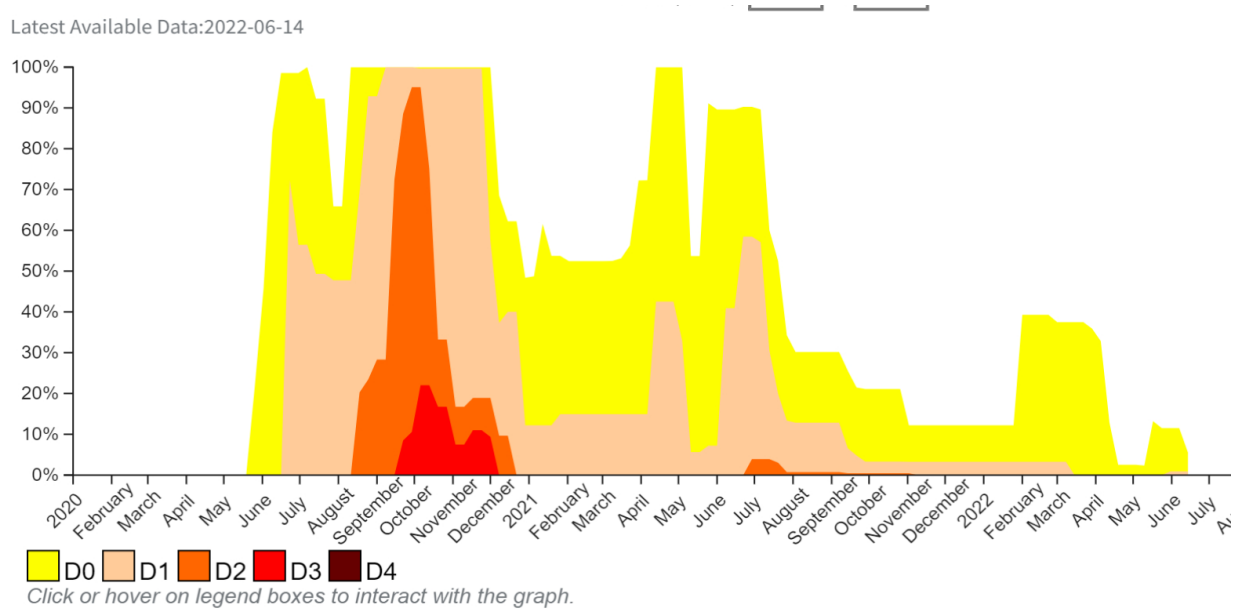
Call NH Marine Patrol: (603) 293-2037 to report incidents, improper activity, and issues. Please have the bow number and full description of the boat in question resolved prior to calling.

LAKE LEVEL CONDITIONS 2022

We continue to monitor the Water Surface Elevation (WESL) numbers for the lake. It is helpful for us and our contractors and fun to see the historical information it produces. On June 23, 2022 the lake dropped to ZERO for the first time since the fall of 2020. Zero is the point when no water is going over the spillway. Rainfall in 2022 has been sparse. This past May was the 44th driest month of May in the past 128 years, with rain fall being one inch below normal. There are 36 official stream flow guages in NH that are reporting below normal conditions. Short term outlooks are neutral with average expected precipitation.

Please understand that low water conditions are not a result of the dam. In fact, last fall after two work days at the dam we have been able to stop two of the bypass leaks and have plans to address a few more of the age-related cracks this fall when the water goes down. So overall, situation normal, mother nature is shorting us on the rain fall right now.

This is NH's drought chart from January 2020 to today. Since 2000, the longest duration of drought (D1–D4) in New Hampshire lasted 90 weeks beginning on June 23, 2020, and ending on March 8, 2022. The most intense period of drought occurred the week of October 6, 2020, where D3 affected 22.0% of New Hampshire land.



MILFOIL UPDATE

This May the Lake's milfoil net needed major repairs. It was a whole day of work putting new floats, new weights and repairing holes. We would like to thank Dave Johnson for helping us with his knowledge and hands-on experience. The milfoil net has been installed at the mouth of the campground channel.

DES surveyed the lake on 6/6/2022. Aqualogic harvested milfoil on 6/20/22 and 6/21/22. Milfoil was harvested in both the south and north ends, in the outlet at the boat ramp, in the dam pond, and between the Campground and Town Beach. 90 gallons of milfoil was harvested in the two days.

DES has given us the name of an independent certified diver, Mike Davidson, who assists with harvesting milfoil. Mike is helping us with harvesting and monitoring milfoil in the shallow areas of the lake. He has harvested a total of 15 + gallons so far. If you see an orange float in the water it means that there's milfoil or a possibility of milfoil in the area. Please do not go between the orange marker and the shoreline so the milfoil won't get broken up and spread to other areas of the lake. If you see a red driver's flag please keep your distance for diver's safety. If you see any pieces of milfoil floating, even if you are unsure if the floating plant is milfoil, please pick them up, put them in a plastic bag and put them in the trash.

Visibility was low in some areas and Aqualogic is recommending a one-day visit in late Summer or early Fall to check the areas of the lake that were harvested. DES will survey the Lake again in the fall.

Hope everyone has a wonderful summer on Forest Lake. Thank you for taking the time to read about our milfoil mitigation efforts.

Sue & Tim Baney - Milfoil Coordinators

CYANOBACTERIA REPORT FOR NH

We have been lucky here on Forest Lake. The lake has not experienced a cyanobacteria bloom for the past several years. However, blooms are currently occurring on NH lakes and we should be aware that the potential for one is always present.

Cyanobacteria are natural components of water bodies worldwide. Blooms and surface scums may form when excess nutrients are available in the water. Some cyanobacteria can produce toxins that are stored within the cells and released upon cell death. Toxins can cause both acute and chronic health effects that range in severity. Acute health effects include irritation of skin and mucous membranes, tingling, numbness, nausea, vomiting, seizures and diarrhea. Chronic effects may include liver and central nervous system damage. Everyone reacts differently. Animals can also be affected by these conditions. Be cautious of lake water that has a surface scum, changes colors, or appears to have green streaks or blue-green flecks aggregating along the shore.

Visit the NHDES Beach Program website for photos and more information about cyanobacteria at: Harmful Algal Blooms | NH Department of Environmental Services

Updates on cyanobacteria advisories can be viewed on the Beach Advisories Map

https://www4.des.state.nh.us/WaterShed_BeachMaps/

Follow NHDES_Beaches on Twitter

OUTDOOR FIRES

Here is a helpful link especially in dry conditions. It is very easy to go on line and get a fire permit. Per RSA 227-L:17, the state of New Hampshire requires anyone wishing to have an outdoor fire to have written permission from the landowner and a written fire permit from the local forest fire warden or local fire department in the town or city where the fire will be kindled. Fire Permits are obtained locally through the Forest Fire Warden, Deputy Warden's and Issuing Agents or online at www.nhfirepermit.com. You can contact your Town Office or Fire Department to find out who your town Forest Fire Warden is.

<https://nh.burnsafeamerica.com/>

RAIN MANAGEMENT & STORM RUNOFF

Even though drought conditions do exist at times, it does not mean it never rains. When it rains, we have the opposite conditions, too much runoff. With that runoff comes environmental damage, erosion and excessive phosphorus counts in the lake itself. Elevated Phosphorus counts can lead to increased milfoil growth. Between the nuisance factor of having to put your driveway back together, rake the mounds of pine needles out from under your shrubs and the eco hit to the water quality, the State of NH has invested a lot of time into sharing information related to storm runoff under the program title of “**Soak Up The Rain.**” The following link will help you understand how easy some of the runoff management techniques can be applied around your house.

<https://www4.des.state.nh.us/SoakNH/resources-2/diy-fact-sheets/>

FUNDRAISING PROGRAM FOR THE DAM PROJECT & TIMELINE

Funding initiatives continue, with status reflected below. The BOD is pursuing several alternative avenues, including corporate asks, federal, state and local funding, as well as private funding opportunities. We are in contact with our state and federal representatives, seeking their assistance also. At this point an additional \$ 250,000 (approximate) is needed to achieve success on Phase 3 Construction. Phase 1 is complete and paid for, Phase 2 Engineering & Permitting is in progress and we have sufficient funds to cover that expenditure.

The rough time line as of this news letter is as follows:

Phase 2 Engineering & Permitting	completion	December 2022
Quotes and vendor selection	completion	May 2023
Phase 3 Construction, shovels in the ground	start	September 2023
Phase 3 Dam work	completion	May 2024

These Phase 3 dates could move based on construction costs, funding, or other issues that may present themselves.

An IRS approved 501 c (3) organization



Forest Lake Improvement Association Inc.
Dam Mitigation Program
September 2020 – May 2024

Data collection is completed.
H&H CAD modeling is approved by the state.

Wetlands delineation is completed. CAD files are in draft form.

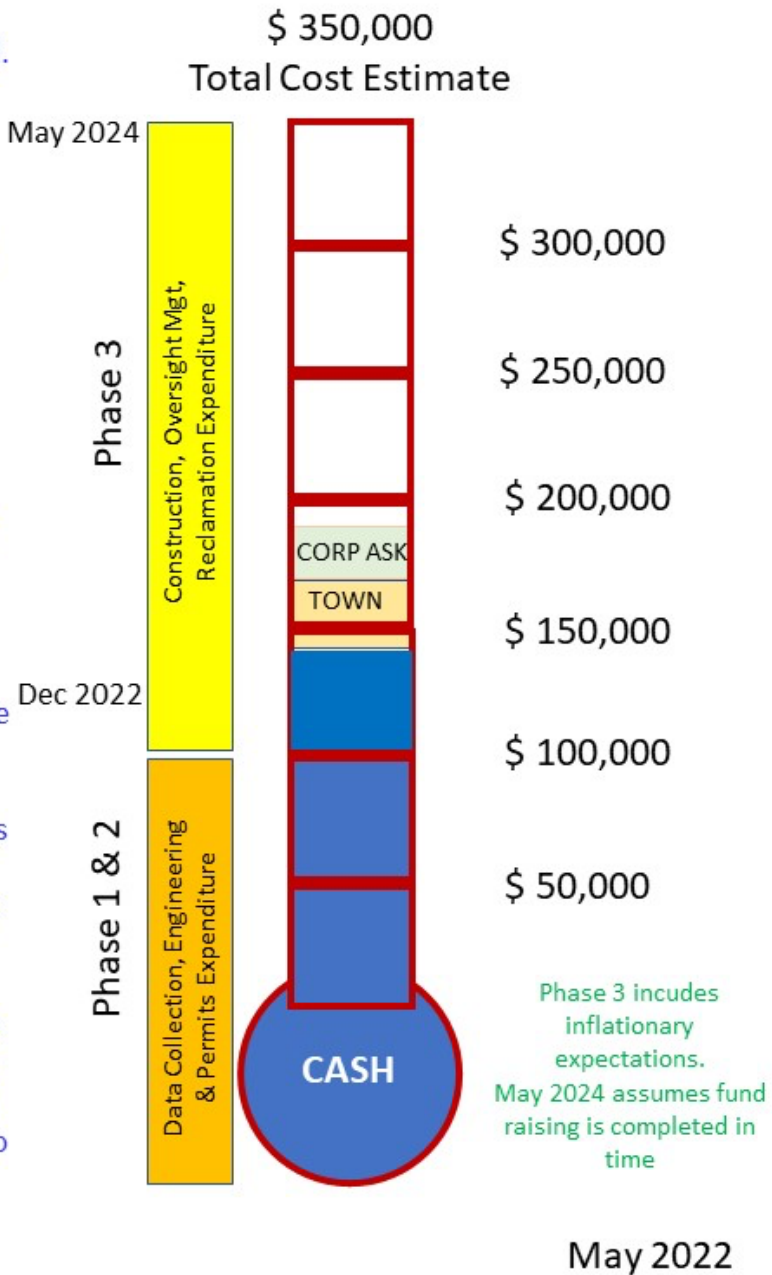
Surveying is completed to assist the lawyers in easement re-draft.

Engineering and permitting are underway with a fall 2022 completion target.

Fundraising is continuing. 2022 will focus on Corporate asks and FEMA grants.

As of May, 2022 the FLIA has \$ 142,229 in the treasury. With an additional \$ 25,000 from the Town.

Approximately \$ 12,000 has been expensed towards the project with approximately \$ 80,000 more committed to compete Phase 2



SOCIAL HOUR VISIT IN JUNE

FLIA hosted the first annual Happy Hour to celebrate the beginning of the lake season on June 4th. Forty-four neighbors gathered on Sue Abt's lovely tiered patios. If you weren't there, we missed you! It was a beautiful late afternoon to chat with new and continuing FLIA members. Dana and Jim Weir saved a parking space by paddling over and parking on Sue's beach. Mary Sears won the "get to know the FLIA Board members" challenge! Thanks go to Sue for sharing her yard with all of us, and thanks to Meg and Mei Ling for helping! Future gatherings are under discussion. Stay tuned.

MEMBERSHIP NUMBERS FOR 2022

53 households have paid their annual dues so far. Last year was the largest number of paid members ever! It would be grand if we could push that bar higher this summer, so please get your dues in NOW.

Don't forget you can now pay with a few clicks of a button. Follow the attached link to our web site PayPal location. If you prefer ink and paper, you will also find a hard copy form at this location which you can use to mail in your membership payment to our PO Box here in Winchester.

<https://forestlakenh.com/flia-membership>

ANNUAL BUSINESS MEETING – 8/27 at 4PM

Two changes to this year's annual meeting: we will not be serving hotdogs and burgers, but instead focus on keeping the meeting to a maximum of 1 hour. We have also moved it to later in the day, 4PM, so as not to interrupt plans. Our goal is to find a convenient time that will allow more members to attend. Now that we are having social events during the summer, we believe the food gathering is no longer necessary.

Also, the meeting will be in person only. We simply do not have the equipment or technical expertise to productively conduct a "mixed" meeting. As in the past, this year's meeting will be at the Grove on Town Beach Road. If there are critical votes that need to be taken, advance arrangements will be made to allow members to vote on-line. We do, however, encourage you to participate at the meeting. We will also make every attempt to distribute any necessary materials in advance on the website. Minutes and a review of the proceedings will be published on-line afterwards.

VLAP WATER TESTING PROGRAM

The lake has been evaluated once so far this year. The data is not yet available, but we will update as soon as the data arrives from DES. Doug Sears and Rex Volentine were out on the lake the second week of June collecting samples for the tests. They were joined by on the DES interns who brought some extra gear for more detailed testing which occurs every two years. Doug even collected extra samples in his boots to take home for the washing machine.

Our 2021 numbers were good. Over the past 23 years the average combined score for all testing sites on the lake and tributaries is 160 points. Last year we recoded 120 & 138 with an average of 129. Good numbers for us. Our highest score ever was in 2010 at 232 points. Our lowest was 2001 with 95 points.



TREASURER'S REPORT

Cash Balance as of 4/4/22: 142,229.14

Additions: (all since last report)

2022 Dues received	480.00 (53 memberships to date)
2022 Donations Received	980.00
2022 Received for 2021 Pledges	265.00
Interest	3.52
Subtotal Additions	<u>1728.52</u>

Expenses:

Milfoil Fence	(101.26)
Social Hour Supplies	(79.31)
Paypal Fees	(22.89)
Subtotal Expenses	(203.46)
Ending Balance	<u>143.754.20</u>