

Lake Breezes



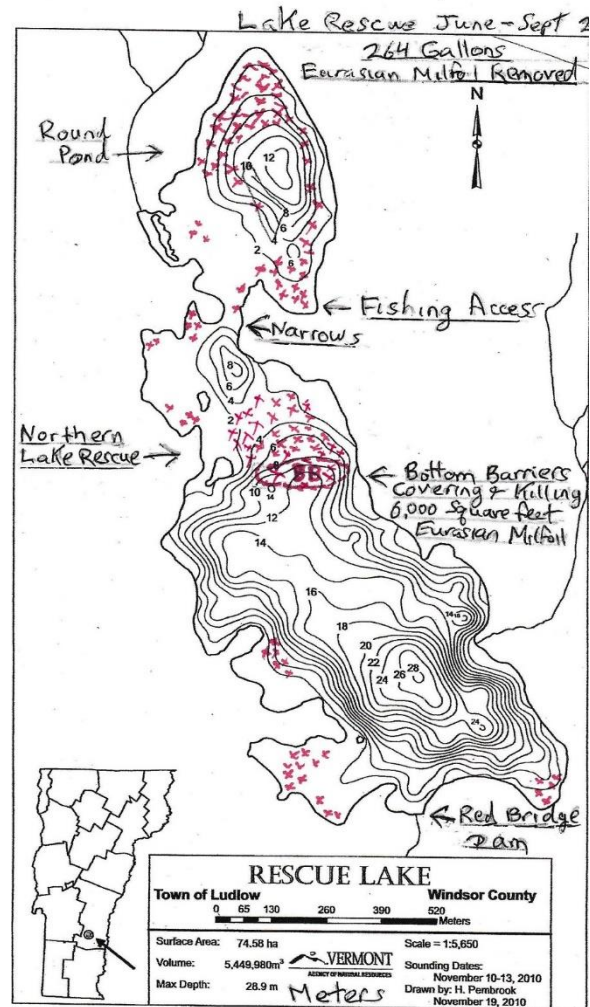
October 2019

Milfoil Update

Last year the Lake Rescue Association applied for and received a permit from the State to place bottom barriers on 'hot spots' of milfoil. This summer twelve 10 by 50 ft. bottom barriers were placed on a dense patch of milfoil in northeastern Lake Rescue, in an area of heavy boat traffic. When the barriers were removed after eight weeks, the milfoil was completely gone. Not only did the bottom barriers eradicate all the milfoil from that area, it stopped a potentially large number of milfoil fragments from floating down the lake to grow elsewhere. It also freed up the divers to search for and extract milfoil from other parts of the lake. This summer 275 gallons of Eurasian Milfoil was removed from Lake Rescue compared to 361 gallons last year. These are not comparable numbers, but does indicate we will be starting next year from a lower baseline and hopefully be able to achieve a further reduction.

Our plan for next summer is to reuse the twelve barriers on another dense patch of milfoil just to the north of this year's bottom barrier placement. We also plan on purchasing and placing an additional twelve bottom barriers on milfoil patches in Round Pond. This year 155 gallons of the 275 gallons removed were from Round Pond, more than half. There are areas where the milfoil keeps coming back and spreading. We think

bottom barriers will stop the growth and spread of milfoil in these areas.



2019 Milfoil Findings

Con't on p.4

Lake Restoration Planning Continues

The Lake Rescue Association continues its planning efforts to restore certain areas in the lake where sediment has been building, including the mouth of the Black River, the Narrows and the mouth of the stream near the intersection of East Lake Road and Ellison's Lake Road.

In June, LRA board members had several discussions and email communications with representatives of VTDEC regarding the sediment and damage incurred from the spring storms and the permitting process for restoration. On July 30, 4 state representatives joined 3 LRA Board members to tour Lake Rescue by boat and observe the areas that need the most attention. The meeting was very encouraging and the VTDEC representatives indicated support for some restoration.

At the Annual Meeting on August 3, we presented an overview of the damage incurred, the planning performed to date and a preliminary plan. The preliminary plan suggests:

- Restoring the north end of the Narrows to the 2013 depths. It is estimated that this would require the removal of approximately 2500 cubic yards of material.
- Removing the large amount of sediment at the mouth of the East Lake Road Stream.
- Setting up a meeting with Town of Ludlow, VTDEC River Engineer and LRA regarding further action on catch basins on East Lake Road.

The aerial photo below shows the channel and north end of the Narrows that need to be restored based on the October, 2018 Bathymetric Analyses.

LRA will continue in our efforts and here are several of the next steps that will need to be

completed:

- Collect data and information required for permit application
- Develop plan to dispose of sediment removed from the lake
- Identify Contractor
- Solicit estimates to do the work
- Prepare draft application for permit
- LRA review and approval of plan
- Develop a fund raising plan to support the project.



Sedimentation at the mouth of the Black River

Additionally, LRA is discussing several areas along East Lake and Ellison's Lake Road which might qualify for a Better Roads grant. This project could include stabilizing streams leading into the lake, additional diversion of runoff and lining swales along the roadway with rip-rap. The Board has sent a letter to the Town of Ludlow highlighting the areas that need attention and a site visit is being scheduled in November. The application for a Better Roads grant is due on November 22, 2019 and if approved the work would be performed in 2021.

Emerald Ash Borer (EAB) Threatens Ludlow Area

We have recently learned that this invasive species is present in our area and we want to alert you to the danger it poses to ash trees which might be on your property.

Emerald Ash Borer is an exotic beetle which was first discovered near Detroit in 2002. It most likely arrived on solid wood packing material carried in cargo ships originating in its native Asia. EAB damages trees by boring through the inner bark and outer wood. Heavy feeding by the immature, grub-like larvae blocks the movement of carbohydrate and water, eventually killing the tree. EAB is widespread in our region. It is known to be established in over 35 states, including Maine, New York, New Hampshire, and Massachusetts, and four Canadian provinces, including southern Quebec. First detected in Vermont in northern Orange county, EAB was found in a tree in Londonderry this month, and Ludlow is now at high risk. The beetles are capable fliers and good at finding ash trees during the flight season, May – September. When EAB first arrives in an area, the infestation may not be obvious. Within a few years, however, EAB population growth increases and leads to widespread decline and mortality.

Taking an inventory of ash trees on your property is the first step dealing with the problem. Here is information about identifying ash trees on your property

<https://ento.psu.edu/extension/trees-shrubs/emerald-ash-borer/factsheets/EAB2942.pdf>

Once you identify the at-risk ash trees, they can be monitored for evidence of infestation and be treated with insecticide if and when necessary.

October is in the ‘non-flight’ season and the recommendations in effect now mainly concern moving cut ash wood. With the heating season underway, and firewood deliveries actively occurring, it’s important to remember that untreated ash firewood should never move out of infested areas. Be sure that your purchase or transportation of both log lengths and split firewood will not spread EAB.

Update on ADA Dock at Fishing Access

The LRA board has been collecting data over the summer to develop an evidence-based report that supports arguments opposing the installation of a state-sponsored 48’ floating dock on the west (left) side of the fishing access boat launch ramp. This dock was permitted in early 2018, and though would be ADA accessible, would be available for use by all boaters and for fishing. As a review, the lake community was opposed to this permit, and voiced objections both in an open hearing in Ludlow and also during an online comment period. Because the state rejected the arguments presented, the LRA and some property owners filed an appeal in 2018. After a mediation on January 29, 2019, the state agreed to an 11-month delay, while each party was to produce evidence supporting their position. A draft of our report will be submitted to our attorney in November and will be finalized and submitted to the state by the end of the year. Because we are involved in a legal mediation with the state, details of our efforts will be discussed in full in the next newsletter. The state’s position is basically that the placement of a

Con’t on Page 4

Miscellaneous...

- Secure all items at your waterfront. Spring rains raise the lake water level and every year items float down toward the dam. Tie up rafts, docks, kayaks, etc. or move them well above the current water level.
- Take back the night and eliminate light pollution. Leaving lights on all night wastes energy and illuminates areas well beyond your property. Switch instead to motion activated lights and let's all enjoy the stars!
- Please drive safely and observe the 30mph speed limit on Red Bridge Rd. and East Lake Rd. The roads are winding and have no shoulder. There are many walkers and bikers out there and extra caution is appreciated. Keep the roads safe for all our residents.
- We are planning on issuing a new membership directory next year! If you think you haven't paid your 2019 dues, you should check with us, because only current members will be included. We'll be contacting you over the winter about what information you'd like (or not like!) to have included.

ADA Dock

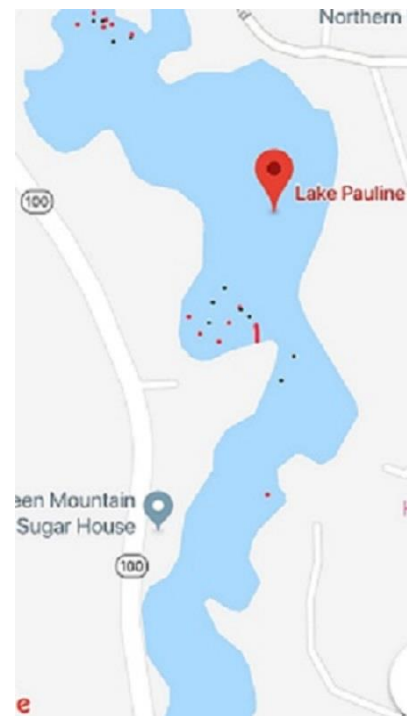
Con't from Page 3

dock will increase access to Lake Rescue for all. We agree. However, they also argue it will not adversely affect the public good or violate the public trust, will not impede navigation or produce safety issues. We disagree on all counts. Stay tuned.

Milfoil Update

Con't from Page 1

Milfoil has also spread to new areas in northern Lake Rescue, and into some coves of the lake, particularly Slacks Pasture. In addition, for the first time the divers have found and extracted some plants from Lake Pauline. Next year our divers will continue to search and extract by hand milfoil plants growing in Lake Rescue, Round Pond and Lake Pauline, as the bottom barriers are most useful for large and dense areas of plant growth.



The dots show where milfoil was found in Lk. Pauline



**Promoting Water Safety,
Environmental Education &
Improved Water Quality**

www.LakeRescue.org

*Visit our Facebook Pages!
Lake Rescue Association and
Lake Rescue Vt*

Board of Directors

Barb Silver
Bruce Zanca
(Co-Presidents)
Jacalyn Diesenhouse
Natalie Fisher
Kevin Golmont
Phil Newell
Ann Rose
Bill Vanneman
Frank Wingate

**. The Lake Rescue Association is a 501c3
Non-Profit organization. All donations to the
'Lake Restoration and Preservation Fund' are
tax deductible**