



The Lake Harvey Association



The Lake Harvey Association Newsletter | Summer 2022

PRESIDENT'S MESSAGE | Karla Cornelius

Summer 2022. Long awaited summer kicked into high gear in mid-May, offering - finally - a respite from an ever so cold winter. Family and friends will gather, sun and shared times will repair and restore body and soul, and our lake will come alive with the joys of the season.

Although the pandemic persists in its variant forms, and we remain cautious and careful, we are going forward with our lives as best we can. We value all the more what matters most, all those we love, and the special moments we experience.

Our Board looks forward to working with our printer L Brown and Sons as they now also undertake the formatting and layout of our annual newsletter. Brady Dindia, owner of A BCD Creative and our niece, designed our current newsletter many years ago. She has ever since taken in our collected items to be included, made sense of them all, added photos and created a print ready edition. She has done this year after year at no cost to our association, a gift beyond measure. She has a growing arts foundation of her own now, and her time is devoted there. We thank her for her generosity and expertise.

This year VP Jackie Sprague redoubled her already extraordinary efforts on behalf of our lake environment. Take her news to heart, and attend the Lake Wise Workshop on June 9th to learn how to help your property do its part.

Read Red Dufresne's detailed dam update, and go online for his enlightening - and amazingly thorough - dam history.

Dotti Turek is retiring as Treasurer. We thank her for her invaluable contribution of time and service!

When confirmed, Kyle Berge will continue in her stead. We thank her as well for her willingness to serve.

Our Facebook page and Instagram have grown by leaps and bounds under Natalie Kitchel's oversight. To share that expanded outreach with our local business supporters, we are introducing a premium business membership option which offers a presence on those platforms and other enhanced benefits. Visit us there, check out the news, stories and photos. Send in yours, and enjoy!

Thanks to Sherm Sprague, in addition to raffle tickets - this year offering the winner a choice of kayak or paddleboard - you can now join and pay personal and business membership dues and donations at www.lakeharvey.net. Online Ice Out ticket purchase is pending!

We look forward to our LHA weekend, beginning with our annual meeting and potluck dinner Friday eve July 15th. Saturday offers a wonderful "Children's Stories" Boat Parade, Ice Cream Social with raffle drawing, and our spectacular fireworks at dusk. Be rewarded at our donor champagne brunch Sunday, July 24th. See the Event Calendar for more 2022 summer activities!

Join us, donate generously, and take pride in the contribution you make to our lake's well being.

Thus far, our Greeter Program and the vigilance of our Greeters, residents and visitors all have kept our waters pure. Our ongoing commitment to the lake we love will assure its future.

Welcome To Summer!

STAY CONNECTED WITH OUR LAKE AND ITS COMMUNITY

Connect and have fun, check out events and activities. And see beautiful photos!

FACEBOOK & INSTAGRAM: @lakeharveyassociation

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A NOTE FROM THE TREASURER | Dotti Turek

How lucky we are to have such a wonderful involved, generous membership. As summer approaches, our 2022 membership enrollment already stands at 74, three quarters of our average yearly total – thank you! Annual dues remain at \$25 per cottage, however additional donations for lake preservation, our spectacular annual fireworks display and our greeter station are always welcomed, greatly appreciated and tax deductible.

Reminder: If you order from Amazon, please consider designating the Lake Harvey Association as your charity. Go to www.smile.amazon.com to register. A small percentage of your total Amazon sales will be returned to us annually. Your contribution may not seem like a lot, but as an organization, the amount returned to us averages a couple of hundred dollars a year. **Thank you!**

APPRECIATIVE THANKS TO OUR GENEROUS CONTRIBUTORS:

Silver Donor (\$100 or more)

Ben Adams
Tony Baptista and Darrin Shaffer
Ernie and Vivi Begin
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Beverly Brown
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-- Listing as of MAY 31, 2022



Photo credit Ethan Sylvain

ICE OUT 2022

**THE ICE WENT OUT ON
APRIL 7TH AT 11:13 PM.
ETHAN SYLVAI N
WAS THE WINNER!**

CONGRATS!

NOW 77 YEARS OF HISTORY
ON OUR WEBSITE



Photo credit Rabbit Run

FEDERATION OF VERMONT LAKES AND PONDS (FOVLAP) | Jackie Sprague



The Federation of Vermont Lakes and Ponds has undergone many changes in the past year. One was the passing of a dear friend and President, Don Weaver, in the fall of 2021. Don gave many years of service to Vermont's Lakes and Ponds and to FOVLAP. He is surely missed.

Since 2021, the board has made some significant changes and additions to FOVLAP to ensure that our organization grows and runs more effectively. The website

www.vtakesandponds.org is in the process of redesign to a more robust platform. Policies and procedures have been created, legislative committee continues to be busy with lakes and ponds legislation, and the twice a year newsletter is now online only.

The FOVLAP Events Committee has been busy this past year. Typically, the committee works on the annual Lake Seminar and Annual Meeting. The AIS AdHoc Committee through FOVLAP reached out with a request to host shorter events. At first, we were not sure if this could work, but the collaboration between the Events committee and representatives from the AIS AdHoc committee made this happen!

The very successful first event *Funding for the Vermont AIS Greeter and Management Program* took place on January 12, 2022 with 67 participants. The prevention and management of aquatic invasive species (AIS) in Vermont Lakes are important shared goals involving lake associations and conservation groups, as well as local governments, and state and federal agencies. Looking into the future, needs for funding are increasing, while some sources of funding are expected to decrease, at least in the near-term. The Federation of Vermont Lakes and Ponds (FOVLAP) has organized this virtual meeting to discuss this situation from many perspectives, with the goal to inform stakeholders of ideas on how to bridge this funding gap.

For viewing this presentation, please go to www.Vermontlakes.org under Events.

The second shorter event was on April 6, 2022 with 47 participants covering *Early Identification of Aquatic Invasive Species How to Launch, Grow and Nurture a Program*.

Aquatic Invasive Species (AIS), both plant and animal, are an ever-growing threat to all Vermont surface waters. Early identification of new invasives is critical so resources can be marshalled to mitigate spread. Well trained volunteers can monitor their waterbody and be the first to detect invasives or other important changes to plant and animal life. The VT Department of Environmental Conservation (VTDEC) plans several trainings every summer to educate new volunteers for the Vermont Invasive Patroller (VIP) Program. The Federation of Vermont Lakes and Ponds has organized this virtual meeting to help organizations and individuals prepare to be trained or improve existing programs.

For viewing this presentation, please go to www.Vermontlakes.org under Events.

Vermont Lakes in a Changing Climate: From Issues to Actions An amazing group of environmental professionals will be responding to the increase in the discharge of pollutants into US surface waters, the Clean Water Act was passed fifty years ago. The Act established the basic structure for regulating discharges into surface waters and for regulating surface water standards. Driving improvements in wastewater and stormwater management, the act improved surface water quality nationwide. Today's challenges to water quality in Vermont's lakes are complex, and many are amplified by the expected impacts from the changing climate. This seminar highlights the Clean Water Act, explores the present climate-related challenges to water quality, and describes actions that can mitigate the associated risks to our lakes.

Please go to FOVLAP website www.vermotnlakes.org for agenda and registration.

SAVE THE DATE for the Virtual Lake Seminar on June 3, 2022.

WATER SKI CAMP GIVES BACK TO COMMUNITY



Campers at the Harvey's Lake Water Ski Program gather for a photo. (Courtesy photo)

Nearly 50 children, from ages 4 to 17, learned to water ski in three short days this month at Catamount Arts' Harvey's Lake Water Ski Camp. Run by Steve Dolgin, creator of the renowned program, The Art of Water Skiing, the camp just finished its eighth year as a Catamount Arts fundraiser, donating all proceeds to arts education programming.

BOAT PARADE | Don Burke

**2022 LHA BOAT PARADE THEME
CHILDREN STORIES**

Do you remember crawling into bed at night and listening to your Mom/Dad read a bedtime story to you? You weren't aware of it at the time but this nurturing experience aided your emotional and creative development. You learned to identify with the person in the story and experience the unfurling of the plot.

Children's stories cover a wide variety of emotional experiences for our kids. There is the "happily ever after" tales of Beauty and the Beast, Cinderella and Snow White. The triumph of good over evil is the moral

Saturday, July 16th

12:30: Non-motorized

1:00 pm: Motorized

RAIN DATE: SUNDAY, JULY 17TH

"Children Stories"

of Robin Hood and the Lion King. Every child yearns to come to the aid of Bambi, Dumbo and the three little pigs.

So what's your favorite children's story? That is the theme for this year's annual LHA boat parade...



LAUGHING COW

Photo Credit Natalie Kitchel

2021 WINNERS - A CELEBRATION OF LAUGHTER

1st non motorized • Laughing Cow - Dolgin & Kitchel

1st motorized • Emojis - Kempton & Beattie Families

2nd motorized • Three Stooges - Red Neck Yacht Club

Tied for 2nd place • Smile - Trebilcocks

3rd place motorized • Tiny Bubbles - McAlpine

Special Award for Silliest • Rubber Ducky - McGraw



SMILE

Photo Credit Natalie Kitchel



3 STOOGES

Photo Credit Tom & Dotti Turek



EMOJIS



Photo Credit Natalie Kitchel



BUBBLES

Photo Credit Natalie Kitchel



RUBBER DUCKY

Photo Credit Tom & Dotti Turek

LHA GREETER PROGRAM | Jackie Sprague



Photo Credit Tom & Dotti Turek

The volunteer greeter program began several years ago with people making the time to sit on the grass and share information about aquatic invasive species with boaters. From there, Lake Harvey Association raised money to pay people to greet boaters and discuss the importance of keeping aquatic invasive species OUT of Harvey's Lake. Today we are very fortunate to have the support of the town of Barnet – which this year was awarded \$9,323 by AIS to support our efforts - and LHA to pay for greeters for seven days a week and 12 hours a day. All Greeters are required to take a Greeter training to learn how to greet boaters, inspect the boats

and trailers and to log information for the Vermont Department of Environmental Conservation. The greeters now have a beautiful Greeter Station to house the hot water washer for cleaning boats and trailers and for the greeters to take a break from sun and rain. Please introduce yourself to the greeter on duty when you launch your boat. They will need information from you and will inspect your boat and trailer for invasive species. Information will be shared with you about boater safety and tips to protect the loons and other wildlife and protect the shoreline. The greeters will be working from the end of May through the beginning of October. Don Easter coordinates the schedules of the greeters. For further information about the Harvey's Lake Greeter Program, you may contact Don Easter at 633-4928 or Jackie Sprague at jackie@sprague.org

For more information: <https://dec.vermont.gov/watershed/lakes-ponds/aquatic-invasives/spread-prevention/greeters>

BOAT MONITOR REPORT | Kathy Wirthwein

Summer of 2021 was another successful season for our Lake Harvey Greeter Program.

Our waters remain pure, thanks to our diligent Greeters and our conscientious resident and visiting boaters. We are grateful to all, and to the Town of Barnet for its ongoing support.

This summer Internet access at the boat access was needed, and it was kindly provided by parking lot neighbor Mathew Collins. Greeters now use iPads to input information about each boat, which at the end of each day is transmitted to Vermont's Agency of Natural Resources. Pre-programmed questions provide choices to input requested information. Additional comments may be entered as notes on the form. At summer's end we received back a spreadsheet of data. My job every year is to sort out the spreadsheet answers to the questions and compile a synopsis for Barnet residents and Association members.

ANR made some improvements in gathering boat monitoring information. The computer now lists the many boat access locations on the Connecticut River and Lake Champlain. Most other bodies of water covered have just one official access. Some locations are further categorized on the state spreadsheet as state parks. It is helpful that we no longer have to recall or look up locations and/or spelling while busy checking in boaters and boats!

The key question is always whether a boat was last used during the previous two weeks, because contaminants are assumed dried up or dead thereafter. If "yes" the boat was automatically washed. This criterium was consistently followed, and 48 boats were washed this season. More and more boats every year are already user washed and clean when inspected, as boaters have become more educated and take pride in

protecting our lake.

The spreadsheet listed 595 visiting boats or groups. Of these 370 or 62% were last in Harvey's Lake. Another 19% (114 boats) were last in nearby Joes Pond (32), Lake Willoughby (24), Crystal Lake (9), Ticklenaked Pond (6) and Lake Morey (9). All but Joes Pond have milfoil. Various Connecticut River locations (26) and Lake Champlain (9) have a variety of invasive species. The remaining 19% came from about 50 different locations, many of which host invasive species as well. Thus far all have been kept at bay at Lake Harvey.

"Fishing" was the purpose of about 133 boats. We were visited six times by state police or the game warden. However, the vast majority of boating was solely "recreational".

The boat types were 197 outboards, 80 inboards, 65 pontoons, 19 jet skis, 29 canoes,

151 kayak groups, 46 paddleboards, 2 rafts, and 3 "boards/motorboats". These numbers should be increased because the kayaks especially arrived in groups which were listed in the "comments". We should add about 94 kayaks bringing the kayak total to 245 kayaks, and the boat total to 686. These numbers reflect those boats entering our lake during our 7:00 AM – 7:00 PM monitoring hours from Memorial Day through Labor Day weekends. Dawn or night time boats and visiting boaters pre and post program coverage add to that total.

Vermont has done an exceptional job of updating various information and improving presentation. Visit www.lakeharvey.com for more information. Our Town and Lake Harvey Association are steadfast in our commitment to protect our magnificent and valuable resource.

PREVENTION IS THE ONLY CURE. HELP US KEEP LAKE HARVEY PURE!

**LAKE INFORMATION PACKETS ARE AVAILABLE TO SHARE WITH VISITORS AND RENTERS."
CONTACT JACKIE@SPRAGUE.ORG**

KEEPING NATIVE AQUATIC PLANTS IN YOUR LAKE | Ann Bove & Jackie Sprague

The following article reflects part of a commentary submitted in April by Ann Bove to VT Digger.org.

Roughly 75 percent of Vermont's 800 plus lakes and ponds do not support an aquatic invasive species. Yes, 75 percent! Significant resources - time and money - are expended by many of our local communities to keep it this way: Preventing an introduction is far less costly than managing one once an invasive species like Eurasian watermilfoil takes hold. Thank you to the many volunteers, lake Associations volunteers and greeter programs who dedicate a great deal of time and energy to keep aquatic invasive species from Vermont's lakes and ponds.

What is an aquatic invasive species? Invasive species are "non-native (or alien) to the ecosystem under consideration and whose introduction causes or is likely to cause economic or environmental harm or harm to human health" (1999 Executive Order 13112 - Invasive Species). They are a biological pollutant. Extremely difficult if not impossible to contain, control, or eradicate, invasive species can interfere with our ability to enjoy lakes, ponds, and rivers.



Aquatic plants are grouped into three general types: growing below the lake surface - SUBMERSED; rooted along the lake shore - EMERGENT; and with floating leaves on the lake surface - FLOATING-LEAVED.

(Photo by A. Bove)

Vermont has over 120 species of native aquatic plants growing submersed in, floating on, or emerging from our lakes and ponds. Such diversity provides habitat and cover and is used as a food source by many aquatic critters. Aquatic plants - native or invasive - need light to thrive, just like plants that grow on land. In most Vermont lakes, the zone where light penetrates, and aquatic plants grow, is typically from shore to 20 feet deep.

There is much scientifically supported evidence that native aquatic plant communities benefit significantly from aquatic invasive plant management. Control of invasive species like Eurasian watermilfoil protects recreational uses of our waters - boating, swimming, fishing - as well as the biological integrity of plant and animal populations of Vermont's surface waters.

Dense stands of invasive aquatic plants provide unbalanced and substandard physical habitat for many fish species and macroinvertebrates due to the lack of mixed structure normally provided by a diversity of native aquatic plant species. These monocultures also pose a threat to game and nongame species populations alike, and via competition, cause losses or

reduction of native plant species.

While some Vermont lake and pond users who fish may have adapted strategies to embrace a monoculture of an invasive aquatic plant like water chestnut or Eurasian watermilfoil, research indicates such monocultures are not reflective of a healthy ecosystem and cause negative impacts over time. And supporting these monocultures does not reflect Vermont policy. Citing Vermont law 10 V.S.A, Chapter 50. §1451, "It is the policy of the state of Vermont to prevent the infestation and proliferation of invasive species in the state that result in negative environmental impacts, including habitat loss and a reduction in native biodiversity along with adverse social and economic impacts and impacts to the public health and safety."

Invasive aquatic species first turned up in Vermont in Lake Champlain in the 1940s, either because of our direct connection to infestations in New York via the canal system, via hitching a ride on recreational-based water equipment like boats and trailers, or via another pathway.

Some of our largest and most heavily used recreational lakes do indeed have infestations of Eurasian watermilfoil - Champlain, Memphremagog, St. Catherine, Bomoseen, Fairlee, among others. Many of these lakes are fortunate to have informed municipalities, active lake associations, and engaged lake enthusiasts dedicated to control Eurasian watermilfoil infestations as well as prevent the introductions of other invasive species, including invasive animals like zebra mussels and spiny water fleas.



Surfacing Eurasian watermilfoil

(Photo by A. Bove)

Management options for invasive aquatic plants include non-chemical methods - mechanical or hand harvesting, use of benthic mats, diver operated suction harvesting - and chemical methods. By Vermont law, most methods require a permit for use.

When it comes to chemical methods - use of a pesticide in water - to control an invasive species, we are fortunate in Vermont to have one of the strictest laws in the country. Vermont law requires five positive findings for authorization to use a pesticide in water: negligible risk to public health, acceptable risk to non-target organisms, no reasonable non-chemical control options, the development of a long-range management plan incorporating pesticide minimization, and that a public benefit can be achieved. If one of these five

KEEPING NATIVE AQUATIC PLANTS IN YOUR LAKE | Ann Bove & Jackie Sprague

findings cannot be made in the affirmative, by law, a permit for use cannot be issued.

Use of a pesticide in a water body however is nothing to take lightly. For many Vermont communities, this method reflects a last resort control option. A decision to consider such use to manage an invasive aquatic species like Eurasian watermilfoil in a Vermont lake or pond should be community based - whether one is a recent transplant or one's history is rooted in Vermont for generations - and based on science and facts.

Before undertaking any aquatic plant management - nuisance or invasive - seek advice from known experts. The Vermont Lakes and Ponds Program is delegated to manage aquatic invasive species in waters of the state. This state program reviews submitted applications for permits and must make the findings required by Vermont law to determine if a permit authorizing use can be issued or not.

To learn more about the benefits of native aquatic plants; invasive aquatic species, and control and prevention options; and Vermont's strict aquatic nuisance control permitting law, contact Vermont's Lakes and Ponds Program: <https://dec.vermont.gov/watershed/lakes-ponds>.

Jackie Sprague is the Vice President of the Federation of Vermont Lakes and Lake Harvey Association. She teaches teachers in early ed programs and at the college level. Her passion for protecting lakes and ponds for future generations has only grown since her first visit to Harvey's Lake in the early 70's.

Ann Bove is an Auxiliary Board Member of the Federation of Vermont Lakes and Ponds and was the aquatic invasive species lead for the Vermont Department of Environmental Conservation from 2002 until she left state government in 2017.

PROTECTING OUR LAKE | Jackie Sprague and Emily Finnegan

Lake Harvey Association is searching for a volunteer to have a Lake Wise assessment completed before the June 9, 2022 workshop. Please contact Jackie Sprague Jackie@sprague.org if you are interested in having a Lake Wise Assessment completed on your lakefront property. A generous stipend will be awarded. On the workshop date, interested property owners would be invited to your home/cottage for an overview of the assessment and ideas that could be implemented to protect the shoreline.

The Lake Wise Program is a Vermont Agency of Natural Resources initiative that awards lake-friendly shoreland properties, both public and private. The program offers free assistance to lake shoreland owners who would like to learn more about how to make their property as lake-friendly as possible.

Lake shore landowners have an important role to play in reducing shore land erosion, improving lake shore habitat, and keeping Harvey's Lake clean. If you choose to participate, Lake Wise evaluators will spend up to an hour and a half assessing each property and providing advice in four categories - shorefront, recreation area, driveway, and structures and septic. If the property passes in all four categories, it will receive the Lake Wise Award sign. If the property does not pass, a detailed evaluation is provided to



the landowner with recommendations on how to become Lake Wise certified in the future. Lake Wise is a voluntary program, and the recommendations are suggested, not required. Common recommendations include rain gardens, water bars, planting lakeshore vegetation, and establishing no-mow zones and pathways.

The Lake Harvey Association and Emily Finnegan from the Caledonia County Conservation District would like to invite you to a Lake Wise Workshop featuring Lake Harvey's own Holly Greenleaf, a certified landscape designer at Greenleaf Design, LLC. Emily will walk participants through a sample Lake Wise evaluation, and Holly will provide her insight on how the recommendations from the assessment might actually look on the ground. The Lake Harvey Association has generously offered funds to support designs and plants for lakeshore property owners who complete a Lake Wise assessment and commit to installing lake-friendly practices. You can sign up for an assessment at the June 9th workshop at 2750 Roy Mountain Road, Barnet, or by contacting Emily Finnegan at emily.finnegan@vt.nacdnet.net or 802-424-3149. Further information will be on www.lakeharvey.net, Lake Harvey Instagram and Facebook Page, and via email announcement. Questions email jackie@sprague.org.

SOCIAL MEDIA | Natalie Kitchel

First off, thank you to all that have joined us on our social media pages! It has been wonderful connecting with you all over the past year. If you haven't yet followed us on either Facebook or Instagram, join us today to keep up to date on all of the lake happenings, see photos and learn about local businesses, events and opportunities. We recently launched a photo contest in search of our new winter greeting card and we have had many wonderful photo submissions thus far. Keep an eye out for the winner! We look forward to sharing in this next year at Harvey's Lake with all of our followers near and far.

LOON REPORT | Jan Parsons



Photo Credit Emil Pollak

The summer of 2021 provided a unique situation in the 25 years loons have been monitored at Harvey's Lake. For the first time, a loon pair nested successfully in both the Channel outlet at the north end of the lake and at the new nesting raft at the south end. The northern pair, which has hatched one or two chicks several years in the past decade, hatched two chicks on June 17. There were photos on the LHA Facebook page very soon after the parents brought them out to the lake that afternoon. While both were seen early the next morning, one chick had disappeared by late morning, most likely taken by a snapping turtle, as an eagle would have caused alarm calls by the parents. The surviving chick thrived and could be seen with its parents throughout the summer and into the Fall, usually in the northern half of the lake.

The new loon pair responded well to the nesting raft being moved by Vermont Loon Biologist Eric Hanson into the marshy area on the Dufresne property shoreline. They promptly moved in, built a nest, and hatched two chicks on July 27. Their neighborhood is not as loon friendly as the marsh at the north end of the lake and we did not have high expectations of survival for both chicks. Nearby otters, daily visits from an eagle which nests in the adjacent Roy Mountain Wildlife Management Area, and boaters who were not accustomed to slowing down for loon chicks, all created challenges. Adding to the drama was the fact that one chick seemed to be thriving far more than the other and getting fed more as well. In spite of many concerns, both chicks survived the late hatch and the abundant natural and human threats and were still seen on the lake, with a parent, in early November. We believe that all three chicks successfully fledged and headed to the New England coast before ice formed for the winter.

What will 2022 hold for Harvey's Lake loons? One pair was seen as early as mid April. The northern pair should start their nest building by mid-May in the Channel. That leaves the nesting raft at the south end available for the southern pair to use in the same location as last year. Check out our LHA Facebook page and website for updates as the nesting season progresses.

Vermont's breeding loon population had a very successful year in 2021. A record 109 nesting loon pairs and 137 territorial pairs were documented. The previous high for nesting pairs had been 101 in 2019. Last summer, 77 pairs successfully hatched 125 eggs with 84 surviving through August, a 67% percent chick survival rate. There were six new nesting pairs and 85% of the known territorial pairs actually nested. there were 37 pairs whose first nest attempt failed. Of these, ten renested and five were successful in hatching chicks. Known causes of failed nests were : depredation (9), flooding (1), and intruder loon disturbances. (3).

During Loonwatch, the statewide loon census, held on July 17, 200 volunteers found loons on 124 of 167 lakes. Observers counted 349 adults, 86 chicks, and one subadult loon. The adult loon total is similar to recent years: since 2018, totals have been between 337 and 358. These numbers are considerably higher than the 2013-2017 time frame when 208-308 loons were tallied. Going back another ten years, volunteers counted 179 adult loons on 123 lakes in 2003, and 225 adults on 148 lakes in 2008. These numbers demonstrate that the loon recovery plan initiated in 1998 has been successful. Details are available in The 2021 Breeding Status of Common Loons in Vermont, found at <https://vtcostudies.org/>.

Vermont Loon Biologist Eric Hanson is working on new initiatives to further protect loons and their habitat in Vermont. Following the mortality of seven loons in the last two years, from ingesting lead sinkers or fishing line entanglement, planning has started to place collection tubes at Vermont boat access areas to collect discarded fishing line. Other means will be used to collect lead fishing gear. You will be hearing more about this project, as Eric Hanson will be recruiting volunteers from Vermont Lake Associations to assist in the collection effort.

These initiatives will be funded by a five year \$446,393 grant to the Vermont Center for Ecostudies from the US Fish and Wildlife Service to support the Vermont Loon Conservation Project (VLCP). VCE was one of six organizations in NE and NY selected through a competitive grant process to receive funding. The grant is part of a larger settlement from the Bouchard B-120 oil spill in mid-April 2003 that killed over 500 loons in the middle of migration. Since loons are long lived, 20-35 years, and can produce 4-5 chicks over a ten year period, the settlement is trying to address lost breeding potential as well as repair of damages through land conservation, management around nest sites, and other conservation measures.

Many of the projects to be implemented across the six states include plans that have long been part of the focus of VLCP in Vermont These include management of nesting rafts near nest warning signs, Rafts are placed in out of the way spots that mimic islands. They reduce conflicts from loons using shorelines subject to human shoreline activity. Our new nesting raft at Harveys is a successful example of this strategy. A new and very different project, initiated in Maine, involved the translocation of loons from northern NE to southeast and western MA where loons were extirpated in the 1800s.

LOON REPORT | Jan Parsons

Other initiatives in Vermont include the purchase of safety gear for ice rescues. Rescues involve two to eight loons a year and two to three weeks of time outside the work season for the loon biologist. Another loon management project for VLCP will focus on lakes where loon pairs have low productivity and regions of the state with low loon populations. New nesting rafts will be deployed in these areas. This grant allows VCE to pursue strategies and purchase equipment which might otherwise be out of reach for years.

It is encouraging to learn of the robust population of loon pairs in Vermont and their nesting success. However, loons still face many threats. Natural threats, including snapping turtles, eagles and intruder loons are part of their world. But human caused threats, such as water level fluctuation, nesting areas disturbed by shoreline development, and boating activity are situations we can monitor and control. At Harvey's we will have increased signage and flyers at the south end of the lake to encourage "no wake" speeds in the loon nesting and nursery area. You can help by remembering to keep a distance of at least 100 feet in a kayak or power boat while observing loons. Based on last year's successful results, we can hope to have another summer of watching our loon residents raising their families on our lake.

I want to thank all of the residents and visitors around Harvey's Lake who watch over the loons, care about their welfare and aid in the monitoring process. Bill Biddle, Elaine Pollak, Chris and Red Dufresne, Wendy Raeder and Lori and Gary Gelinis are all great observers of the loon scene. Bonnie and Don Easter and Red and Chris Dufresne store the two Loon Nesting signs in the winter and Bonnie and friends place theirs in the Channel. During the summer, many folks keep an eye on loon activity.

If you see a loon in trouble, please contact me, Jan Parsons, at 802-633-3174 or leave a message on my cell phone: 508-314-0922. My email is jpeacham@aol.com. Eric Hanson can be reached at 802-586-8065. His email is loon@vtecostudies.org.

Wishing everyone a relaxing summer and good times at our beautiful lake.

LAKE HARVEY DAM UPDATE AS OF APRIL 30, 2022 | Red Dufresne

The "Preliminary Design Report Harvey's Lake Dam Removal" was completed by Inter-Fluve, Inc in November of 2018. Concept design plans depicted a project which included partially breaching the existing concrete dam and creating a "passive riffle" across the outlet channel northeast of the Town beach and upstream of the confluence with the South Peacham Brook. The plans were developed with input from State regulators from the Dam Safety Program (DSP). But after the plans were submitted for DSP review these officials indicated the concept proposed by engineering consultants would not comply with recently updated regulations unless additional extensive improvements were incorporated into the project.

Because DSP officials indicated they could not approve the project in its current form, the Barnet Select Board is now considering completion of some needed maintenance activities on the dam. These activities may include:

- Replacing the wooden stop boards with an automatic gate.
- Repair or replacement of the bottom drain gate. Currently this gate is damaged and inoperable.
- Installation of grating and railings to increase safety.
- Lowering the east fish ladder wall to coincide with the dam crest elevation.

These maintenance activities would improve conditions at the dam and provide the following benefits:

- Allow more flow to pass downstream during storm events and reduce back flow into the lake. However, due to the limited size of the existing stop board opening, some storm events would still backflow into the lake.
- Reduce the fall hazard at the dam during activities such as adjusting and/or replacing stop-boards or removing debris obstructing the dam.
- Allow the upstream side of the dam to drain for maintenance and dam inspection.

The fish ladder has been unusable for decades as most of the baffles have been swept away. Lowering the elevation of the east wall of the fish ladder would expand the weir length of the dam and allow more flow to pass over the dam and further reduce backflow into the lake during storm events.

Although these maintenance activities are limited in scope, they do provide tangible benefits and hopefully can be accomplished with local funds and labor. Unfortunately, after DSP officials indicated they would not approve the Inter-Fluve concept plan, the Town is left with either leaving the dam in its current condition for the foreseeable future or completing these maintenance improvements to provide the best benefit possible without substantially modifying or replacing the dam. Currently the Select Board is assessing permit necessity for these maintenance items and developing schedules, cost estimates, and funding opportunities. If these maintenance items are deemed exempt from permit necessity, the Select Board plans on proceeding.

EVENTS

SUMMER 2022 AT HARVEY'S LAKE

DATE	TIME	EVENT	CONTACT
Seasonal	Ongoing	LEVITT AMP ST JOHNSBURY MUSIC SERIES DOG MOUNTAIN - 143 Parks Road, St Johnsbury	www.concerts.levittamp.org
Jul 2 & Aug 13 Aug 14	1pm & 6pm 11am & 4pm	CIRCUS SMIRKUS - BIG TOP The Circus Barn, Greensboro (SIGN UP FOR CAMP! For kids of all ages!)	Info, Tickets & Camp Registration www.smirkus.org
Jul 2	10:00 am - 4:00 pm	ANNUAL BURKLYN SUMMER CRAFT FAIR - Bandstand Park, Lyndonville	Cara Berryman burklynarts40@gmail.com www.Burklyn-Arts.org
Jul 11	8:30 am 11:15 am 2:00 pm	WATERSKI CAMP AT LAKE HARVEY Instructor: legendary Steve Dolgin	tickets.catamountarts.org
Jul 15	5:00 pm Meeting • 6:00 pm Potluck	LAKE HARVEY ASSOCIATION ANNUAL MEETING AND POTLUCK SUPPER Beach Pavilion GATHER. LEARN. SHARE. PARTY!	lakeharveyassociation@lakeharvey.com
Jul 16		LAKE HARVEY ASSOCIATION EVENTS	www.lakeharvey.com
	8:00 am	Mile long yard sale, West Barnet	
	12:30 pm	Boat Parade (non-motorized boats)	2022 THEME CHILDREN'S STORIES Jan Sherman 802 535-2832
	1:00 pm	Boat Parade (motorized boats)	
	11:30 am - 2:30 pm	Barnet Fire Department's Chicken BBQ West Barnet Church	For reservations call Ron Morse, 633-2595
	4:00 pm	Ice Cream Social at Harvey's Lake Pavilion	Red & Chris Dufrense 802 633-3711
	5:00 pm	Boat parade awards, Kayak Raffle winner announced at 5:00 pm on Facebook Page	Jan Sherman 802 535-2832
	Dusk	Fireworks over lake	
Jul 16		LOON WATCH DAY (Annual one day count throughout Vermont)	Eric Hansen 802 586-8065
Jul 24	11:00 am - 1:00 pm	15TH ANNUAL LHA DONOR REWARD CHAMPAGNE BRUNCH - Cornelius Cottage	RSVP: Harry & Karla Cornelius 802 633-253
Aug 6	11:00 am - 10:00 pm	DANVILLE COMMUNITY FAIR - Danville Town Green	www.danvillevtchamber.org
Aug 12 & 13		PEACHAM ACOUSTIC MUSIC FESTIVAL Peacham, Vermont	Tickets: 802 748-2600 www.pamfest.com www.catamountarts.org
Aug 14	7 pm	PEACHAM CONCERT - GRAMMY NOMINEES Sierra Hull & Justin Moses Peacham Congregational Church	Jay Craven jcraven1590@gmail.com
Aug 24 - 28	10 am-10 pm	CALEDONIA COUNTY FAIR 1 Back Fairground Road, Lyndonville, Vermont	802 748-4208 www.caledoniacountyfair.com

EVENTS

SUMMER 2022 AT HARVEY'S LAKE

DATE	TIME	EVENT	CONTACT
Sep 8	8:30 Register 9 am Meeting	FOVLAP ANNUAL MEETING	Info at www.vermontlakes.org
Sep 25	8 am register 9 am ceremony 9:30 am walk	ST. JOHNSBURY WALK TO END ALZHEIMER'S Welcome Center, 51 Depot Square, St. Johnsbury	Jenna Smith - 802 316-3839 ext 8015 jemsmith@alz.org
CHECK FOR UPDATES		NORTHEAST KINGDOM FALL FOLIAGE FESTIVAL	www.lakeharvey.com www.nekchamber.com
Sep 29		Peacham Day – Lunch, arts & crafts, special farmer's market, ghost walk, spaghetti dinner	
Sep 30		Barnet Day - Pancake breakfast, crafts, european coffee hour, wagon rides, tours, ham dinner	
Oct 1	10 am reg. 11 am race	Ducky Day 2018 - Rubber Ducky Race Ben's Mill, Barnet, Vermont	www.bensmill.com
Oct 1		Groton Day - Lumberjack breakfast, parade, music, world famous chicken pot pie dinner	
Oct 2	10 am – 4 pm	AUTUMN ON THE GREEN - ARTS, CRAFTS, FOOD, FUN - Danville Town Green	www.danvillevtchamber.org
Year Round		CATAMOUNT ARTS – Music, film, dance, art, education, events	www.catamountarts.com



Photo Credit Emil Pollak



Photo Credit Jackie Sprague



Photo Credit Emil Pollak



Photo Credit Gail Flynn



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Photo Credit Jackie Sprague



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Photo Credit Emil Pollak



The Lake Harvey Association

P.O. Box 86
Barnet, VT 05821

TO:

Visit Our Website | www.lakeharvey.com

2021 KAYAK WINNER

**LILY WITH NATALIE KITCHEL...
CONGRATS!**



Credit Jan Sherman

2022 KAYAK/PADDLEBOARD RAFFLE TICKETS

Thank You Steve Dolgin for donating the kayak and to Village Sports for contributing the O'Brien RIO paddle board at cost for their generosity!



Buy your tickets at local stores or online at www.lakeharvey.com.

LAKE HARVEY NOTECARDS SEVERAL DESIGNS AVAILABLE!

Retail price is \$2.95 each, available at local stores. Members only can buy 10 for just \$20.00, plus \$4.00 shipping & handling - send check to Lake Harvey Association, PO Box 86, Barnet VT 05821.

