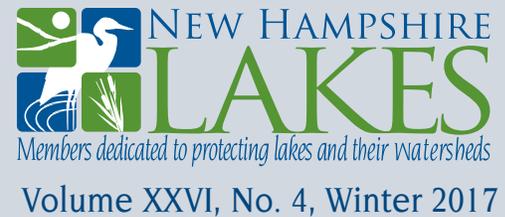


# LAKESIDE

A QUARTERLY PUBLICATION OF NEW HAMPSHIRE LAKES ASSOCIATION

## The 2017 Advocacy Survey Results are In!



Thank you to everyone who filled out the 2017 Advocacy Survey this past fall. This annual exercise helps the NH LAKES staff and directors better inform our public policy and advocacy priorities and strategies. As with last year, we asked survey respondents to prioritize four areas of lake management and protection and then asked a series of more specific questions relative to each issue. The complete survey results are available on our website at [www.nhlakes.org/advocacy-priorities](http://www.nhlakes.org/advocacy-priorities).

### NH LAKES 2017 Advocacy Survey Overall Lake & Watershed Management Priority Rankings by Respondents

Issue	1 (most important)	2	3	4 (least important)
A. Preventing and managing the spread of aquatic invasive species	63%	24%	13%	0%
B. Protecting and improving water quality	39%	47%	12%	2%
C. Maintaining a safe lake experience	11%	28%	28%	52%
D. Adapting to changes in temperature and regional precipitation patterns to protect lake quality	8%	23%	40%	29%

The survey results largely confirmed for us our highest priorities with regard to the threat of aquatic invasive species and the impacts of stormwater runoff (polluted runoff water). We have been, and will continue to be, active through our advocacy and education programs relative to aquatic invasive species prevention. We are also planning to step up our programming relative to polluted runoff water management—stay tuned!

The survey results indicated a growing awareness and concern about the effects of climate change—specifically, changes in temperature and regional precipitation patterns—on our lakes. NH LAKES is paying close attention to the research about the impacts of climate change on our lakes. We intend to work with others who share our goals of ensuring that lake management practices adapt to these changes.

The survey results also indicated concerns about safety on our lakes; however, approximately 50 percent of respondents ranked this issue as the least important of the four presented for NH LAKES to address. This area of advocacy has always been a difficult space for us to work in, primarily because people—our members included—have such varied interests in how they recreate on the water.

*Advocacy Survey, continued on page 3*

## LAKESIDE

published quarterly by the

NEW HAMPSHIRE LAKES ASSOCIATION

14 HORSESHOE POND LANE

CONCORD, NH 03301

603.226.0299 FAX 603.224.9442

WWW.NHLAKES.ORG INFO@NHLAKES.ORG

### OFFICERS

Stuart Lord *Silver Lake*  
Chair

John Edie *Meredith*  
Vice Chair

Jim Lovell *Ossipee*  
Treasurer

John-Michael (JM) Giraldo *Rye*  
Secretary

Susan R. Goodwin *Wolfeboro*  
Officer At-Large

### BOARD OF DIRECTORS

Diane Coll *Kingston*

Joseph Goodnough *Sunapee*

Shirley Green *Enfield*

Andre A. Hunter *Newbury*

Jim McElroy *Freeddom*

David W. Packard *Goffstown*

Robert W. Shaw, Jr. *Moultonborough*

Robert N. Snelling *Holderness*

Peter Sorlien *Moultonborough*

Robert W. Varney *Bow*

Elaine Warshell *Moultonborough*

### HONORARY DIRECTORS

Courtland Cross *New London*

Joseph Farrelly *Concord*

Anne Lovett *Holderness*

Sidney Lovett *Holderness*

Philip Parsons *Sandwich*

### STAFF

Tom O'Brien  
President

Andrea LaMoreaux  
Vice President

Martha Lovejoy  
Member Services/Fiscal Administrator

Erin Graichen  
Member Services Assistant

### LAKESIDE PRINTING

Speedy Printing, Concord, NH

### NEWSLETTER LAYOUT

Tracey George, Speedy Printing, Concord, NH

# From the President...



Happy New Year! As I reflect back on 2016, I am so very thankful for the support and engagement of all of our members and local partners. I am also thankful for our statewide conservation partners—too numerous to list—that perform essential work complimentary to that of NH LAKES, as well as the businesses, agencies, and legislative representatives that care for our lakes. It truly takes an entire community of people working together—whether you live or work on or near a lake or simply enjoy them or otherwise benefit from them—to ensure that our lakes will be healthy and available to us forever.

As we launch into 2017—the 25th year of our organization—I am excited about the work that NH LAKES is engaged in and the work that we have ahead of us. A highlight of this work includes the statewide public/private partnership New Hampshire Lives on Water. Together, with state agency staff, drinking and wastewater company professionals and municipal officials, and conservation groups including the New Hampshire Rivers Council and The Nature Conservancy, NH LAKES is working to bring a case for support to the people of New Hampshire and the Legislature for securing dedicated funding for the management and protection all of our water resources and water infrastructure needs.

Our work throughout the year with our local partners—local lake associations of

all sizes and capacities—continues to be particularly meaningful for me and is an essential part of the NH LAKES strategy to protect every lake. This past year, I had the pleasure to assist the community around Lake Winnisquam in creating a new organization, the Winnisquam Watershed Network (WWN). People from across the Winnisquam watershed—from neighborhood groups, businesses, the local governments of five municipalities, and the regional planning agency—have all come together in the spirit of collaboration for the benefit of the lake. We anticipate the network will have a significant impact and we look forward to working with other community groups to guide and strengthen the effectiveness of local lake organizations.

Following on the heels of the new 'Clean and Drain' law, which became effective January 1, and building on our partnership with the Marine Trades Association, this spring we will provide aquatic invasive species prevention training to employees of marina businesses from throughout the state. This training will ensure that these front-line professionals will know what steps to take when launching and retrieving boats at hundreds of boat ramps throughout the state so that their work does not spread invasive plants or animals.

Lakes are an invaluable resource to New Hampshire and a source of utility, enjoyment, and solace for all of us. Thank you for all that you do and, again, for your support.

On behalf of the hard working board, staff, and volunteers of NH LAKES,

Tom O'Brien

NH LAKES President & Policy Advocate

When NH LAKES does advocate on lake uses, we do so based on, and with reference to, available safety data. We also work to empower our local association partners so that they can effectively navigate and engage in the safety (and other) rule making processes. For example, nearly a decade ago, NH LAKES helped get a provision established under state law that allows a group of petitioners to request a hearing before the New Hampshire Department of Safety to request the establishment of a boat mooring permit program on a specific lake. During summer and fall 2016, with assistance from NH LAKES, the Pleasant Lake Preservation Association of Deerfield/Northwood was successful in getting the Department of

Safety to approve their request to have a mooring permit system established for Pleasant Lake. The approval was granted primarily for safety reasons, both on and off the water. This is an example of the public process working as intended and how NH LAKES adds value to the efforts of its local partners.

Thank you again, to all of you who shared your priorities with us through the 2017 Advocacy Survey. If you have any questions about the survey, or if somehow you missed the survey and still want to share your thoughts with us, please contact Tom O'Brien, NH LAKES President and Policy Advocate, at [tobrien@nhlakes.org](mailto:tobrien@nhlakes.org) or **603.226.0299**.

## Healthy, Clean & Safe Lakes for Future Generations!

Please make a legacy gift to NH LAKES today through your will or revocable living trust! It is a simple way to support the NH LAKES mission and help to protect our lakes into the future.

If you wish to name NH LAKES in your will or estate plan, we should be named as: New Hampshire Lakes Association, Inc., a nonprofit corporation, organized and existing under the laws of New Hampshire, address 14 Horseshoe Pond Lane, Concord, NH 03301. Our tax identification number is 22-2668396.

If you have chosen to include NH LAKES in your estate plans, please let us know!

## In Memoriam

**Joseph 'Joe' Van Shaick** of Highland Lake in Stoddard passed away on November 20, 2016. Joe was the long-time president of the Highland Lake Unified Association of Washington/Stoddard. Joe cared for the lake with a passion, overseeing water safety activities, the operation of the dam, the implementation of water quality monitoring and the Lake Host programs, and more. He will be missed.



Highland Lake, Stoddard/Washington, in winter.

Photo courtesy of Monica Scanlan

# NH LAKES *Advocacy Update*



## 2017 Legislative Session

800! As of mid-December, that's how many initial legislative proposals—officially referred to as 'Legislative Service Requests' (LSRs)—had been filed by state legislators for the New Hampshire 2017 Legislative Session. The final number of LSRs submitted will undoubtedly be more than 800 as the Senate deadline for filing had not yet passed as of the writing of this article. Since an LSR does not have to include language that describes the full intent of the proposed legislation, narrowing down the list that may be related to our interests is challenging. We start the process by screening the LSRs for certain key words and comparing notes with other statewide organizations and agencies that we partner with. Once we have identified a short list of LSRs, we often contact legislators who filed the requests to learn more about the intent of the proposals.

Our research and collaborative work has identified approximately 60 LSRs that we will at least monitor during the 2017 Legislative Session. Of these proposals, approximately 20 are relative to the management of water resources, one dozen affect the New Hampshire Fish and Game Department, a

handful relate to code enforcement, housing, and other types of development, and approximately 30 deal with energy policy and facilities—a prominent issue in New Hampshire. While NH LAKES does not advocate directly on energy issues, we stay abreast of these issues through our statewide network of partner organizations. If and when any issue might directly affect lakes, we intervene.

NH LAKES will focus its attention on the water-related LSRs—and the bills that they become—primarily by engaging with the following three committees: the House Resources, Recreation, and Development Committee; the House Fish and Game Committee; and the Senate Energy and Natural Resources Committee. By attending hearings conducted by these committees, talking regularly with the legislators that make up these committees, and communicating with our legislative allies, NH LAKES will be well-positioned to provide information and testimony when it is needed. And, when we need our grassroots advocacy community to contact state legislators and attend hearings, we will call on you!

Our members and supporters sometimes ask if we can better prepare them for when their action will be needed. Unfortunately, the timing of hearings on specific bills is outside of our control and schedules get pushed forward and backward in such a way that we often only have a few days' notice to act. While we will do our best to keep you apprised, we ask that you stay tuned-in and participate when called upon. One way you can participate now—before things really heat up—is by getting to know your legislators, especially if they are newly-elected. Through the New Hampshire General Court website ([www.gencourt.state.nh.us](http://www.gencourt.state.nh.us)) you can find out who your representatives are and how to contact them. And, to stay apprised of our most urgent advocacy issues and needs, if

you haven't already, please subscribe to the *NH LAKES Advocacy Alert!*—sign up at [www.nhlakes.org](http://www.nhlakes.org) or by emailing [info@nhlakes.org](mailto:info@nhlakes.org).

## Beyond the State House

The work of advocating for our lakes goes beyond just providing information to legislators or testifying for or against certain bills in legislative committees. The NH LAKES advocacy approach also involves forging strategic partnerships with partner organizations, including our local lake association partners and statewide conservation organizations. Our approach also involves working with state agencies through various commissions, committees, councils, and boards.

One exciting advocacy engagement of NH LAKES is our involvement in a public/private partnership called 'New Hampshire Lives on Water,' an offshoot of the former Governor's Water Sustainability Commission. That commission's 2012 report highlighted the importance of water to New Hampshire and the actions needed to safeguard our water resources and provide for our future needs. Between 2002 and 2007, NH LAKES commissioned, along with many of its partners, a four-phase economic study to document the value of lakes, ponds, rivers, and streams in our state. We still use data from these studies to testify on behalf of lakes. Now, through the New Hampshire Lives on Water Partnership, NH LAKES is collaborating with a broader cross section of water advocates from throughout the state to document what all of our water is worth and what it costs to protect, manage, treat, and deliver this water. The results from this study will be used to build a case for support that will be shared with voters, business leaders, state agency staff, and state legislators in an effort to establish adequate state funding mechanisms for our long-term water needs. To learn more about this partnership, visit [www.nhlivesonwater.org](http://www.nhlivesonwater.org).

# We did it in 2016—help us do it again in 2017!

**We did it!** In June 2016 we hosted the most highly attended Lakes Congress ever! Our 23rd annual education, training, and networking event on June 2 and 3, 2016, brought 254 people together to learn how to better advocate, educate, and organize to protect our lakes. Presenters included Céline Cousteau (granddaughter of the legendary underwater explorer and filmmaker Jacques Cousteau), Hans Hug Jr. (diver and Lake Winnepesaukee underwater historian), and Erik Eckl (nationally-renowned public relations and marketing campaign strategist for water conservation). In addition, 16 workshop sessions were offered and 10 exhibitors participated. We left many attendees wondering how we would top that performance at the 2017 Lakes Congress! Rest assured, we haven't been resting on our laurels...

On June 1 and 2, we will host the 2017 Lakes Congress—our 24th annual conference—again at the exquisite Inn at Church Landing along the shores of beautiful Lake Winnepesaukee in Meredith. We're lining up a spectacular program that you won't want to miss, and that might just top last year's performance! We'll unveil the details soon, but in the meantime, here's what you need to know:

- **What:** 2017 Lakes Congress
- **When:** Thursday, June 1, and Friday, June 2, 2017
- **Featured Presenter:** Dr. Wallace "J." Nichols, scientist, water advocate, and New York Times bestselling author, will present



the keynote address on June 2 about 'Blue Mind'—the science that describes all of the physical, ecological, economic, cognitive, emotional, psychological, and social benefits of being near water.

- **Where:** Church Landing at Mills Falls, Meredith, New Hampshire. *Attendees will receive a special discounted rate to stay at any of the Mills Falls Inns in Meredith on Thursday, June 1—to reserve your room, call 1.800.622.6455 and mention that you will be attending the 2017 Lakes Congress.*
- **Registration:** On-line registration will open in early April at [www.nhlakes.org/lakes-congress](http://www.nhlakes.org/lakes-congress). Many sessions have limited seats so put a registration reminder on your calendar!

## Save the Date!

Please plan to join us on June 1 and 2—with your participation, not only will we have a shot at breaking last year's attendance record, we may just put on the best Lakes Congress ever!

## Have you recently bought or are you in the market for a new car?

Fourth Generation Steward, Amanda Grappone Osmer, has committed Grappone Automotive's support to the 2017 Lakes Congress **if they can tie the sale of 10 vehicles to NH LAKES.**

If you are in the market for a new vehicle, the knowledgeable staff at Grappone Automotive would love to help you. If you choose to purchase a vehicle, please let them know you are a friend of NH LAKES, and let us know about your purchase, too! Your purchase could be worth \$500 to the 2017 Lakes Congress!

If you have purchased a vehicle from Grappone since June 2016, please let us know—contact us at [info@nhlakes.org](mailto:info@nhlakes.org) or call 603.226.0299.



[www.grappone.com](http://www.grappone.com)

Route 3A, in Bow, where 89 meets 93

# 15 Years of Foiling Milfoil and Much More!

“Foil milfoil!” That was the motto of the Lake Host Program when it was brought to life by the New Hampshire Lakes Association in May 2002. From its inception, this statewide aquatic invasive species education and prevention program has inspired community collaboration—on the individual, local, state, and federal levels. While U.S. Senator Judd Gregg, former New Hampshire Governor, helped secure a federal grant to kick-start the program, the Lake Sunapee Protective Association and the Squam Lakes Association—both organizations with prior experience running local boat inspection programs—along with the New Hampshire Department of Environmental Services, pitched in to help NH LAKES design the statewide program. During its inaugural year, 38 local lake associations participated, 45 public motorized boat launch sites were staffed by 161 trained Lake Hosts, 15,878 boaters allowed their vessels to be inspected, and nine fragments of invasive milfoil were removed from boats that were about to enter or had just left a lake.

## **A Growing Program**

The Lake Host Program received federal support from 2002 through 2009, and, since 2003, it has been awarded funding from the New Hampshire Department of Environmental Services each year through a grant program funded by boat registration fees. Since the program began, local lake associations, municipalities, and individuals have made significant financial and volunteer contributions and, during the last several years, a handful of foundations have also supported the program. The number of groups, Lake Hosts, and boat ramps participating in the program, as well as the number of boats inspected through the program, has gradually increased over the years. During summer 2016—the 15th season of the

program—a record-breaking 809 Lake Hosts conducted a total of 89,367 boat inspections at 104 boat ramps!

## **An Award-Winning Program**

The program has received statewide, regional, and national recognition. In 2005, NH LAKES received an Environmental Merit Award from the Environmental Protection Agency New England office for “its outstanding efforts to protect New Hampshire’s lakes through its Lake Host Program.” In November 2014, NH LAKES was awarded the Spirit of New Hampshire Outstanding Volunteer Champion Award for the program. And, in February 2015, the organization received the National Invasive Species Awareness Week Outstanding Invasive Species Volunteer Award.

## **Making a Difference**

Since 2002, Lake Hosts have removed 1,550 specimens of invasive species from boats and trailers at 53 lakes. The number of ‘saves’ made each summer through the program increased from 2002 through 2009, and decreased overall from 2010 through 2016. The decreasing rate of saves is due to an increasing percentage of boaters routinely cleaning off their vessels and trailers after boating and the effective management of invasive plant infestations in two highly-used waterbodies located in southern New Hampshire. However, the number and type of aquatic invasive plant species that have been captured by Lake Hosts during the program’s history has spread beyond milfoil and, as of 2016, includes seven different species.

## **Responding to New Problems**

These days, Lake Hosts aren’t just preventing the spread of plants. Since 2013, the motto of the program has been “Clean, Drain and Dry” as Lake Hosts must now also teach boaters how to prevent the

spread of invasive animals—including the Asian Clam and zebra mussel. Lake Hosts and boaters have a tougher job now as invasive animals—which typically hitch a ride while in their microscopic larval form in drops of water in and on boats and trailers—can’t be seen and, as a result, can’t be removed by hand. To prevent the spread of invasive animals, boaters must drain out all the water from their boat, trailer, and gear, in a location where it won’t flow into nearby waterbodies, and they must leave all drain plugs open between waterbodies. If time allows, they should also let their boats and gear dry out for a minimum of five days before launching into a different waterbody.

## **2017 is Year 16—Are You In?**

If there are boat ramps on your lake that are available to the general public, your local lake association or conservation commission can apply for a Lake Host payroll grant to staff those boat ramps with Lake Hosts this coming summer. If you are interested in working or volunteering as a Lake Host, let your local lake association know or contact NH LAKES. If there are privately-owned boat ramps on your lake not open to the public, now is the time to start planning a volunteer or locally-funded Lake Host Program.

Homeowner associations, marinas, campgrounds, and other owners of boat ramps not open to the general public can participate in the program by pledging to staff ramps with volunteers. NH LAKES can also hire individuals to work as Lake Host at these ramps, provided that local supervision and funding is available. For more information, visit [www.nhlakes.org/lake-host](http://www.nhlakes.org/lake-host) or contact us at **603.226.0299** or [info@nhlakes.org](mailto:info@nhlakes.org).



# LAKE HOST

2002 - 2016

NEW HAMPSHIRE LAKES ASSOCIATION



*Celebrating 15 years of working together to prevent the spread of aquatic invasive species in New Hampshire waters!*

## COURTESY BOAT INSPECTIONS



## INVASIVE SPECIES REMOVED



FANWORT



VARIABLE MILFOIL



EURASIAN MILFOIL



EUROPEAN NAIAD



CURLY LEAF PONDWEED



WATER CHESTNUT



CHINESE MYSTERY SNAIL



COMMON REED



## PARTICIPATION



## FUNDING



# Where Did Our Ice Go?

*by Kirsten Nelson, Biologist, New Hampshire Department of Environmental Services*

Cold winds and snow are blowing, heralding the arrival of winter in New Hampshire! This frosty season is a time of icy beauty (and fun!) in our state, as lakes and ponds freeze over and provide a platform for cross-country skiing, snowmobiling, ice fishing, and other recreational activities. But before we know it, spring will arrive, causing the snow and ice to melt away. ‘Ice-out’ is the term typically used to describe this phenomenon, when either the ice has melted and broken up enough to navigate a boat from one end of the lake to the other, or when a lake is entirely ice-free, whereas ‘ice-in’ describes when ice completely covers a lake. Many New Hampshire lakes have historical ice-out records dating back to the early 1900s, and some, like Lake Sunapee and Lake Winnepesaukee, date back to the 1880s! However, not as many lakes have historical ice-in records, as this date is often harder to determine.

Consistently recording ice-in and ice-out information using the same criteria each year provides important data. These data help scientists track long-term climatological trends, assist in interpreting short-term seasonal lake conditions, and help determine total days of ice cover on lakes. Since the specific day of ice-in and ice-out can vary widely from year to year, keeping a long-term dataset over several years using the same criteria is crucial. A record of the day of ice-in and ice-out that extends for decades allows scientists to break through the “noise” of the dataset and determine trends.

Analyzing long-term ice-out records at many New England lakes has found that the day of ice-out is changing. New England lakes are experiencing, on average, earlier ice-out days<sup>1</sup>. Ice-out is largely determined by air temperature, but can also be influenced by snow cover, cloudiness, and wind<sup>2</sup>. Earlier ice-out is associated with our changing climate, caused by ever-increasing levels of carbon dioxide in our atmosphere<sup>1</sup>.

The occurrence of ice-out earlier in the year has recreational, economic, and environmental implications. Thinner ice and fewer days of ice cover reduce the time period for winter recreational activities on our lakes, which, in turn, negatively affects winter tourism activity. Environmentally, earlier ice-out allows lake water to begin warming sooner, stimulating plant and algal growth. While this will reduce the chance of a winter fish-kill due to low oxygen concentrations under the ice, during the summer, fish will have to contend with lower dissolved oxygen levels and less suitable coldwater habitat for some species. Additionally, earlier ice-out will result in hotter summer water temperatures, lower water levels due to increased evaporation, and prolonged summer lake stratification, creating longer periods and/or greater areas of depleted oxygen in lake bottom waters. These changes are favorable for eutrophication (i.e. aging) of waterbodies and cyanobacteria growth.

*Where Did Our Ice Go?, continued on page 9*



*In 2016, Lake Winnepesaukee experienced an unusually short period of ice cover, as ice-in was not declared until February 15 and ice-out was recorded just over a month later on March 18 (the earliest ever recorded ice-out date for the ‘Big Lake’).*

# NH LAKES Happenings

For twenty-five years, NH LAKES has been led by a talented group of individuals passionate about lakes. These individuals come from all corners of the state and they relish every opportunity to hear from you—our members—to learn what NH LAKES can do to keep your favorite lake—and all our lakes—clean, healthy, and safe. Here are a few updates about just some of the many individuals who are working on your behalf for the lakes of New Hampshire...

**Welcome aboard!** Please join us in welcoming Robert ‘Bob’ Snelling to the NH LAKES Board of Directors. Bob is a retired environmental engineer/scientist, having served for 36 years with the U.S. Public Health Service, the Federal Environmental Protection Agency, and Lockheed Martin Corporation. Since retiring and relocating to Holderness in June 2000, he has been a volunteer docent and Trustee with the Squam Lakes Natural Science Center, serving as chairman from 2003 to 2006. He has served as a member of the Holderness Planning Board since 2003 and represents Holderness on the Lakes Region Planning Commission. He has

served on the Governor’s Shoreland Protection Commission, the State Groundwater Commission, chaired the Shoreland Advisory Committee, and is currently appointed to the Wetlands Council. When asked why he wanted to join the board, Bob commented, “I have been involved in lake related issues and organizations since I retired. NH LAKES provides an opportunity to continue that interest, and one to which I hope I can apply my academic and professional background.”

**Thank you!** And, please join us in thanking Carl Lehner, Jason Reimers, and Susan Goodwin for their contributions to NH LAKES.

Carl, former president of Leigh Fibers—a family-held textile waste recycling firm in South Carolina—and full-time resident in Holderness along Squam Lake since 2007, joined the NH LAKES Board of Directors in 2009. In 2011, Carl stepped up as treasurer. Under his leadership, the financial reports of the organization have become increasingly straightforward and transparent, and his attention to the bottom line has been invaluable in guiding

the organization to financial stability. Thank you, Carl, for your long-time service!

Jason, an Attorney at BCM Environmental & Land Law, PLLC, joined the NH LAKES Board of Directors in 2014, and soon assumed the duties of secretary. He is leaving the board as his work with BCM is really taking off—congratulations, Jason!

And a special thank you to Susan Goodwin, who is stepping down as chair of the board of directors, but, thankfully, is remaining on the executive committee as the officer-at-large. Susan joined the organization in 2009 and was elected chair in 2012. We thank Susan for her dedication and guidance over the past several years!

**To learn more about our current board members and committees,** visit our website ([www.nhlakes.org](http://www.nhlakes.org)) and select “About Us.” If you or someone you know loves our lakes and is interested in contributing their “time, talent, and treasure” to NH LAKES, please contact NH LAKES President, Tom O’Brien, at [tobrien@nhlakes.org](mailto:tobrien@nhlakes.org) or **603.226.0299**.

---

## *Where Did Our Ice Go?, continued from page 8*

In 2011, through the Volunteer Lake Assessment Program, the New Hampshire Department of Environmental Services (DES) began asking individuals and lake associations for historical ice-in and ice-out records after realizing that a central statewide repository for this information did not exist. Since then, DES has acquired records from more than 60 New Hampshire lakes. Collecting ice-in and ice-out information is ongoing and online data entry is easy. Once the data have been entered, historical records for each lake are stored electronically and available upon request for use in lake association publications, scientific research, and articles.

Spring will be here before you know it, so what are you waiting for? Find out if ice-in and ice-out data is being collected for your lake and submitted to DES—visit [des.nh.gov/organiza-](http://des.nh.gov/organization/divisions/water/wmb/vlap/ice-in-out.htm)

[tion/divisions/water/wmb/vlap/ice-in-out.htm](http://des.nh.gov/organization/divisions/water/wmb/vlap/ice-in-out.htm). If your lake isn’t on the list, ask the record keeper at your lake to enter the data. If the data aren’t being collected, work with your community to start collecting!

---

### References:

- <sup>1</sup> Hodgkins, G. A., I. C. James, and T. G. Huntington. 2002. Historical changes in lake ice-out dates as indicators of climate change in New England, 1850 – 2000. *International Journal of Climatology* 22: 1819 – 1827.
- <sup>2</sup> Tramoni, F., R. G. Barry, and J. Key. 1985. Lake ice cover as a temperature index for monitoring climate perturbations. *Zeitschrift für Gletscherkunde und Glazialgeologie* 21, 43–49.

# The New Winnisquam Watershed Network— Collaborating to care for Lake Winnisquam

“We love our lake and want to keep it beautiful and clean by working together to keep everyone updated on all that’s happening on Lake Winnisquam.” This is how the founders of the new Winnisquam Watershed Network—established on August 14, 2016—describe their organization’s reason for being. The Winnisquam Watershed Network (WWN) is a collaborative effort with the New Hampshire Lakes Association and the associations around the Lake Winnisquam to increase communication and information sharing. Here’s the story of how and why this new group came to be. . .

Lake Winnisquam, the fourth largest lake in New Hampshire, is located downstream of Lake Winnepesaukee. At approximately 10.5 miles long and 1.5 miles at its widest, the lake is a long, relatively narrow lake, not fully visible from any one road or single vantage point. Generally speaking, the development pattern around the lake is disconnected—each neighborhood separate from the next—and it is spread out over five municipalities: Laconia,

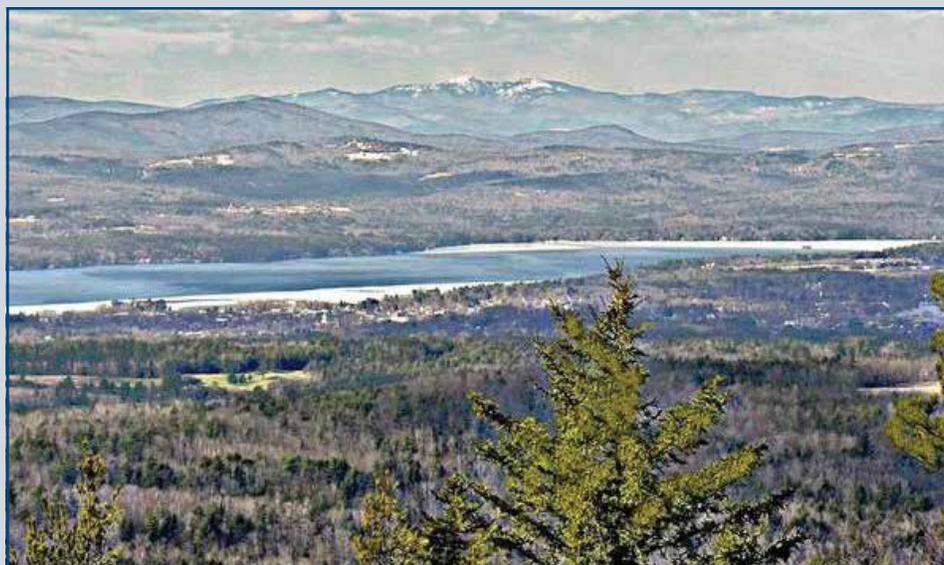
Meredith, Belmont, Tilton, and Sanbornton. Partly as a result of this complexity, there isn’t one overarching lake association—no one group of lake stewards working together in a coordinated way to manage it as a connected hydrological system and lake community. There are, however, several road, bay, shore, and cove associations with interests in the health of the lake. Several of these groups, and at least one conservation commission, conduct water quality monitoring or aquatic invasive species prevention and management activities in a variety of locations throughout the waterbody.

In July 2016, NH LAKES was contacted by Lisa Eggleston of the Winnisquam Drive Association located along the northwestern shore of Lake Winnisquam. Lisa said that she wanted to get people together around the lake “so we can work better together.” She also explained that she had heard through the grapevine that a watershed assessment planning process for the Winnisquam watershed might be getting underway. She described how important

she thought it would be for the people living around the lake to get involved in that assessment process and, that by creating a single lake organization, the planners, county representatives, and state agencies would be able to connect with and work with people around the lake. Lisa asked if NH LAKES could help start a conversation between the existing groups around the lake in order to gauge their interest in working together as one large group. As one of the primary strategies of NH LAKES is to ensure that there are viable local organizations to carefully and responsibly manage each lake, we were in! This project was right in our wheelhouse.

We planned an initial meeting of stakeholders in the watershed for early August at Lisa’s lakefront home. The NH LAKES staff scoured state, county, and municipal websites, searched its database, and reached out to its partners to find the right people to invite. Our initial email communication list included 30 people from more than eight different groups.

*Lake Winnisquam, continued on page 11*



*Lake Winnisquam in winter.*

And, while we were aware of pre-existing organizational boundaries and missions, we were pleased to find that the idea of forming one umbrella organization seemed to resonate early and clearly with the people we reached out to.

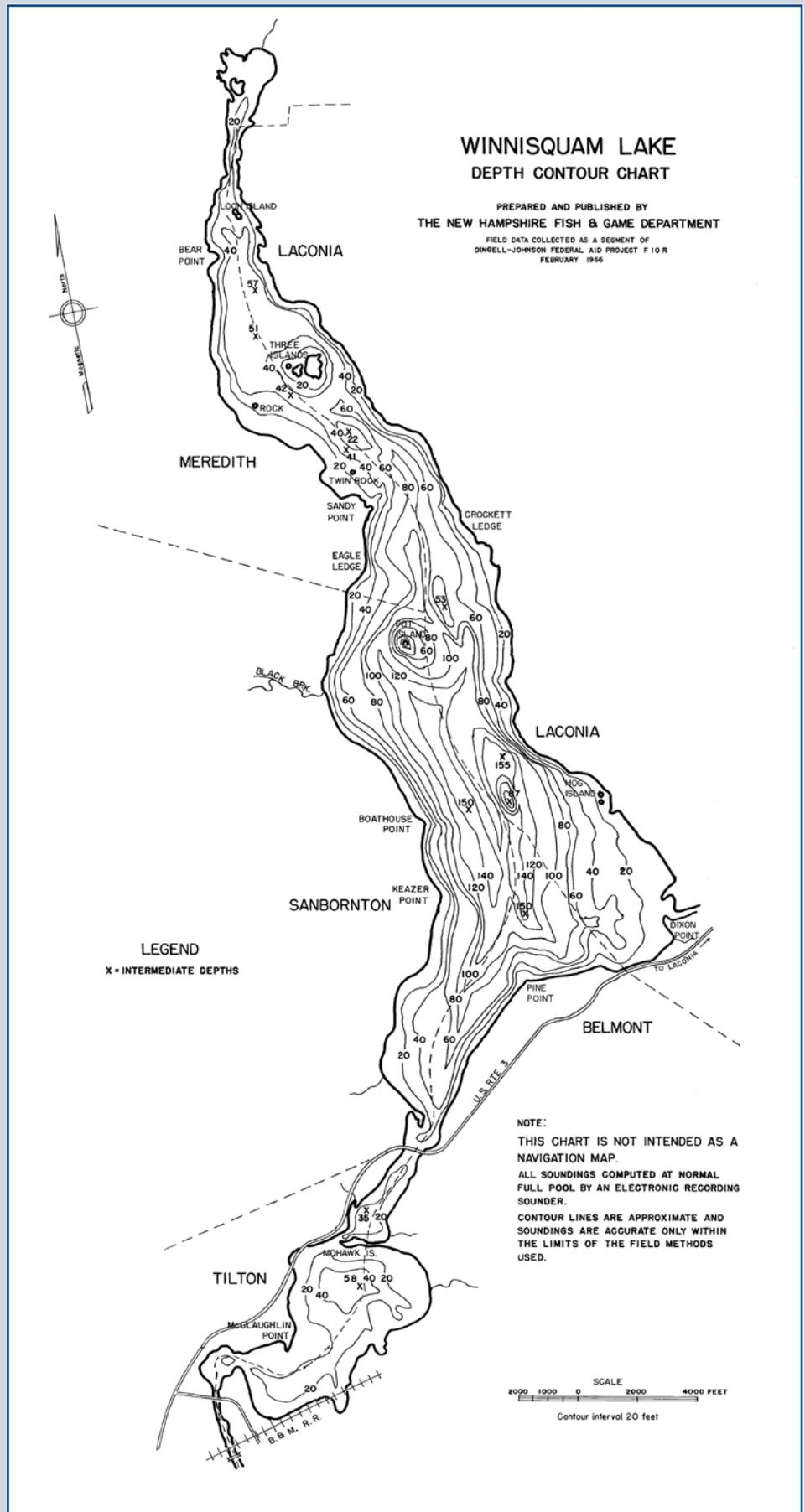
At our first meeting someone said, “let’s make it a *watershed* organization.” Someone else said, “let’s call it a *network*.” So, on August 14, 2016, the Winnisquam Watershed Network was born. Since that initial meeting, NH LAKES has helped to convene two more, with another one in the planning stages for January. Winnisquam Marine, the first business to join the network, has hosted the last two meetings. NH LAKES also developed a website and email listserv for the network and the group now has a Facebook page.

The early focus has been on organizational structure and process. The group has been experimenting with consensus-based decision making along with coordinating water quality monitoring and aquatic invasive species prevention and management activities. The group is coming together and NH LAKES is already beginning to pass the baton on certain responsibilities—we will soon be able to cheer from the sidelines, providing guidance, resources, and tools, as needed.

To find out more about The Winnisquam Watershed Network, including a full listing of the individual groups, agencies and businesses involved, visit their website at [winnisquamwatershed.wordpress.com](http://winnisquamwatershed.wordpress.com).

If you are interested in creating or growing a lake or watershed organization, please contact NH LAKES at 603.226.0299 or [info@nhlakes.org](mailto:info@nhlakes.org).

We are here to serve our local organizational partners and all the dedicated individuals who have a stake in the future of our lakes.



Lake Winnisquam, the fourth largest lake in New Hampshire, is a relatively long and narrow lake surrounded by five municipalities and numerous local road, bay, shore, and cove associations with interests in the health of the lake.

14 HORSESHOE POND LANE, CONCORD, NH 03301



NON-PROFIT ORG.  
US POSTAGE  
PAID  
PERMIT #726  
CONCORD, NH

ADDRESS SERVICE REQUESTED

## Inside this issue

The 2017 Advocacy Survey Results are In!

From the President...

Healthy, Clean & Safe Lakes for Future Generations!

In Memoriam

NH LAKES Advocacy Update

We did it in 2016—help us do it again in 2017!

Have you recently bought or are you in the market for a new car?

15 Years of Foiling Milfoil and Much More!

Lake Host Program 2002 – 2016

Where Did Our Ice Go?

NH LAKES Happenings

The New Winnisquam Watershed Network—Collaborating  
to care for Lake Winnisquam!

Membership Matters

Printed on stock that is 30% recycled fiber with chlorine-free pulp, using timber from managed forests.

## Membership Matters

*New Members September 7, 2016 – December 7, 2016*

### Individuals & Families

Nancy Bernard  
Allan Beetle  
A & W Bradstreet  
Robert M. Britt  
Mike and Mary Coltin  
Glenn and Kimberly Cordner  
Tom and Shelly Daniels  
Jane Dauffenbach  
Peter Desrochers  
Peter and Phyllis Duquette  
Eileen and John Esler  
Paul and Sue Etkind  
Ripley Forbes  
Gerald Galbreath

Robert Gordon and CathyAnne Lemire

Edward L. Howes

Judy Hughes

John and Maryellen Kain

Christine Kuhlman

Timothy and Maureen Lieto

Paul and Cheryl Littlefield

Donna and Ken Lussier

George Mathews

Aaron and Lyndsee Paskalis

Janet Banister-Patterson and James Patterson

Bob Phelps

Jesse Radke

Harry Reichlen

Mary Ross

Joyce Saturley

Eugene and Virginia Tappen

Dr. and Mrs. T. Ramsey Thorp

Rick Toothaker

John Wiencek

### Organizations

Eli and Bessie Cohen Camps  
Friends of Grafton Pond  
Plymouth State University Center for the  
Environment  
Town of Bow Conservation Commission

### Businesses

ETCHED - Artistic Laser Impressions