

# Eagle Lake Newsletter – June 2011

1907- 2011 Celebrating 100 plus years of responsible lake stewardship



## Dear Friends and Residents of Eagle Lake,

The long winter of 2010 -2011 is finally over! Several large snow storms blanketed the area with close to 5 feet of snow at times. The lake had a thick layer of ice on it up until Easter weekend. Heavy rains fell for most of the month of April and continued through almost all of May. The National Weather Service in Burlington reported more than 12 inches of rain fell from April 1 until the Memorial Day weekend. Over the Memorial Day weekend the Northway had to be closed for several hours due to portions of the embankments washing on to the road.

Water temperatures are in the high 50's which is colder than normal for this time of year, but these cold temperatures did not deter a few brave souls from swimming at the beach. The lake level has remained slightly higher than normal but no flooding has occurred. In early May the lake was at plus 2 but with 5" of rain through the month the lake was at plus 7 over the Memorial Day weekend.

## Summer Meeting and Picnic



The 2011 annual meeting and picnic will be held Saturday, July 9<sup>th</sup>. The business meeting will start at 10:00 am, with a social picnic starting at noon. Mark your calendars so that you can plan to join us.

The meeting will be held at the Chilson Volunteer Fire Department's Community Center located on Putts Pond Road. Tentative agenda for the meeting is;

- President's welcome
- Reading of 2010 meeting minutes and approval (minutes from last year's meeting are posted at [www.Eaglelake1.org](http://www.Eaglelake1.org), look for *archives* and *annual meeting minutes*)
- Annual report
- Committee reports (treasurer, membership, fish stocking, water quality, nominating, adopt-a-highway)
- Elections (see below)
- Old and new business

Of special interest this year will be two topics. First will be items related to the completion of the NYS Invasives Species Grant: this includes the final report with outcomes and lessons learned, along with costs, income and donations associated with the hand harvest/matting phase of the milfoil project. Second will be the Towns of Ticonderoga and Crown Point roles and their progress with moving the permitting process for the consideration of the use of the herbicide Renovate for the control of the larger milfoil patches forward. A question and answer session will take place with regards to this information.

Ann Patterson's 3 year term as a valued Board Member is up this year. A replacement for her is being sought. We are also looking to fill the position of treasurer. Rin Fraize has been our elected / acting treasurer for 15 years and he is retiring from his position. If you or someone you know would like to help out in these positions please nominate them at the meeting or contact Steve Stubing, our nominating committee chairperson, for additional details. Officers up for re-election this year include, Andy Belkevich President, Steve Stubing Vice President, and Mary Loose Secretary. So please join us at the July 9<sup>th</sup>, 2011 meeting and cast your vote to help with the guidance and preservation of Eagle Lake.

## Membership

Enclosed with this newsletter is the membership renewal, picnic sign up and proxy form. 2011 - 2012 is going to be an important year for ELPOI. We need, welcome and value your support and input! Please take a moment today to renew

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your membership. Full property owner membership remains at \$25.00 and associate membership (for those not owning property on EL) is \$15.00. We have added a business membership to ELPOI. This new type of membership will allow surrounding business owners to support ELPOI. In return for their support the business will get an ad in each of the newsletters. There are several newsletters sent out each year to over 120 families. The cost for the business membership is \$ 65.00 per year. This will include the advertising and an associate membership. For existing members who also want to become business members the cost is only \$ 50.00 additional per year. If you wish to sign up for a business membership please contact Chris Hyde at [Cdhyde1@gmail.com](mailto:Cdhyde1@gmail.com). We will also be adding a sign at the beach and the boat launch asking for those who enjoy the lake to become members of ELPOI.

Your membership dues as well as any other donations made to ELPOI are tax deductible under the not-for-profit 501 (c) 3 status. Membership dues provide for the day to day operating expenses of ELPOI including the purchase of stamps, occasional coverage of long distance phone calls, and limited photo copying (most is donated by IP), occasional costs associated with conference registration and travel, annual lake water testing both by CSLAP (analytical) and additional non CSLAP (fecal), donations to local emergency services and a limited amount to milfoil control. The officers of ELPOI serve in a voluntary capacity.

Dues alone cannot be expected to pay for the total costs associated with milfoil control. Through a fund raising letter sent out last fall almost \$3000 was raised. Thank you to those who sent in contributions! We are still looking to raise additional funds for the milfoil project. It is hoped that as this summer's efforts by the towns to secure permits for an herbicide treatment progress that further details related to costs will be known. We will need to help the towns pay for an eventual herbicide treatment. If you would like to make an additional contribution to the milfoil control effort, please make your wish known on the membership form.

## **Milfoil Project Update**

We have good news! The matching funds associated with the NYS Invasives Species Eradication Grant have been released to the Town of

Crown Point. This means that any work associated with regards to milfoil management in the future can be paid directly from the account that Crown Point maintains for milfoil control. In order to have these funds released a final report needed to be submitted to the NYS DEC. This report summarizes the accomplishments, failures, challenges and lessons learned with regards to hand harvesting and matting and provides insight into the process that has taken place regarding the interest in obtaining permits for the use of an herbicide in an integrated attack on the milfoil. A copy of this report is available at <http://eaglelake1.org/html/banner/elpoi.shtml>, look for *Final Report*. A total of \$55,000.00 was released under this grant. In order to qualify for the funds Crown Point, with the assistance of the ELPOI, had to raise an equal amount of funds. It is very impressive that not only were the required funds raised but a significant amount of additional funds were raised to match the States requirements. Funds for the match came from:

- a 2000 Aid to Localities grant obtained from the late Senator Stafford in the amount of \$25,000,
- a 2007 Senate Initiative Grant secured by Senator Betty Little for \$10,000
- ELPOI member cash contributions of \$33,500. Thanks to the members and lake residents that made contributions.

The total above is \$68,500. This dollar amount alone would have been a sufficient match to meet the State's grant requirement, but in addition to this impressive cash contribution the following, equally applicable, non-cash, materials, tools, equipment and labor donations were received.

Donations included:

- International Paper under a "beneficial use determination" - \$4,500 in mill wire for initial mat construction
- Hyde's Boat and RV - \$6,300 for two season pontoon boat use
- Crown Point - \$5,100 for hooka surface air compressor and accessories
- ELPOI - \$1,400 for fragment collection tools, GPS unit, underwater video "stick camera" with monitor, and multi season water testing
- C. Alden - \$540 for hosting of website for education and information discrimination

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- R. Tiedemann - \$600 “run about” boat use
- E Fitzgerald, Esq., Project Attorney - \$17,600 in “comp time” for his role in an “interesting project”
- J. & J. Shultz - \$1,500 labor value applied directly to mat assembly
- 36 additional lake residents and friends - \$2,027 for value of 375 hours of time logged for mat assembly, fragment chasing and other miscellaneous important tasks
- C. Hyde - \$1,051 labor value in project specific volunteer labor
- CP and TI - \$650 town employee time reviewing and processing forms/ document
- D. Tiedemann - \$4,422 volunteer time beyond those hours paid for diver services
- M. Tiedemann - \$5,896 volunteer time beyond those hours paid for diver services
- R. Tiedemann - \$16,200 volunteer time beyond those hours paid for crew chief services

Receipt of these in-kind donations meant that the project was never in a position where it did not have funding to move forward and made completing the grant easy. Once donations started to come in and were tabulated it seemed they never stopped. Thanks to everyone that made a donation.

The total for the above donations is \$67,786. This amount too, would have met the required match for the town’s commitment to the grant, but donations alone would not have paid for the labor required for matting and hand harvesting, purchasing the required lake plant surveys, payment for permit completions or purchasing all of the materials and supplies used to construct the mats and for their placement. A spread sheet detailing the \$136,286 combined donation and cash value for hand harvesting and matting expenditures and the above mentioned donations can be found on the Eagle Lake web page at [http://eaglelake1.org/html/funding/funding\\_sources.shtml](http://eaglelake1.org/html/funding/funding_sources.shtml)

Listed below are a few of the many statistics that were reported in the “Final Report” for the Invasive Species Grant. They are reported here to highlight the extent of the work completed during the 2008 -2009 hand harvesting and matting seasons.

- Number of patches identified in 2003 GPS survey - 49

- Approximate total area of milfoil identified in a 2003 GPS survey - 8 acres
- Lake area surveyed by both surface and in water observation - 420 acres
- Approximate area of lake needing herbicide treatment - 50-75 acres
- Cumulative diver hours, approximately 90% of time was spent in the water - 667 hrs
- Top side surface support person cumulative hours - 245.75 hrs
- Weight of steel ballast used for benthic mats - 12,000lb
- Benthic mat construction time (2- 3 people working several hours per day) - 4 weeks
- Rough finished size of benthic mats - 10' X 25'
- Approximate square footage of mat constructed - 48,740 sq ft.
- Approximate square feet of matted area during the project - 72,940 sq ft.
- Number of patches covered using mats - 18
- Approximate weight of milfoil handpicked and removed from lake '08-'09 - 15,270 lbs
- Shoreline swam and picked - 4.5 miles
- Maximum depth of plant growth - 23 feet with strands growing to the surface from here

While the above efforts helped put a dent in the milfoil, it is cost prohibitive to achieve the desired results of control or eradication by continuing with these methods. Many of the remaining patches are approaching an acre plus of dense solid milfoil with plant heights of 22 plus feet (bottom to surface), or span across several thousand feet of rock, boulder and downed tree littered shoreline.

ELPOI approached both Towns in the Fall of 2010 to ask them to take the “lead agent” responsibility for obtaining the required DEC and APA permits for spot treatment with the herbicide Renovate.

To gather input and gauge Lake Resident’s interest in this process the Towns mailed survey letters to all 100 lake residents in February. Several residents replied positively with 4 people expressing concern.

In early June a follow-up reply letter was sent to all lake residents providing further details as they were/ are known about the project. As the letter explains, full/final project details are yet undetermined as the permitting agencies do not have specific details and each permit application is evaluated on a case by case basis. Based on the level of support by survey responses the towns are starting the permit application process. Some additional details should be available at the annual meeting in July. If you have not received either of these two documents (February

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survey and June reply) please contact Town Supervisor Debra Malaney at 518 585-6265 or Project Coordinator Rolf Tiedemann at 585 647-2514 or 518 597-3618 or an ELPOI Officer or Board Member. Copies of the documents are also available at [www.eaglelake1.org](http://www.eaglelake1.org) , click on the ELPOI radio button and look for “Renovate permit survey” or “Renovate permit survey Reply”.

Project work this summer will be limited to removal of all of the mats on the lake bottom and supporting the Towns as they work with the DEC and APA on the permit applications.

To help the towns explain to the permit agencies the impact milfoil is having on Eagle Lake they are asking you to contact them. Please give your feedback to either Town Supervisor. They can be reached at: Deb Malaney, Ticonderoga Town Supervisor, 518-585-6265 or by email: [debmalaney@nycap.rr.com](mailto:debmalaney@nycap.rr.com) and/or Bethany Kosminder, Crown Point Supervisor, 518-597-3035 or by email at [crownpoint@cptelco.net](mailto:crownpoint@cptelco.net)

There will be an extended time for milfoil discussion during the annual meeting. We are also looking into a possible guest speaker(s) on the topic of milfoil. Notice: of confirmation of a guest speaker will be posted on the Eagle Lake website.

## **Lake Fairlee, Vermont – A lake with a similar milfoil problem**

Attached for your information is an article published in the Lycott Environmental *Update Spring 2011* newsletter. The article details some conditions and issues that Lake Fairlee had related to milfoil situation, many of which parallel the milfoil on Eagle Lake. Additional information can be found related to pre and post herbicides treatments of several surrounding lakes at [http://eaglelake1.org/html/other\\_lakes/other\\_plant\\_surveys.shtml](http://eaglelake1.org/html/other_lakes/other_plant_surveys.shtml)

## **Emerald Ash Borer Awareness Week**



New York State announced that May 22-28, 2011 was Emerald Ash Borer (EAB) Awareness Week. Ribbons and signs were posted on almost 3000 ash trees around the state to bring attention to the fact they could be gone in the near future. There are an estimated 900 million ash trees in New York and all are at risk. If you see any these bugs around please contact NYS DEC immediately. Several purple EAB bait traps have been placed along Rt. 74. The DEC reports that the best method of control is awareness. Be careful when moving any plant stock, soil or outdoor item, etc... Don't accidentally provide a ride to a hitch hiking specimen. A NYS ban has been introduced into law that limits the movement of untreated fire wood more than 50 miles from its origin of cutting.

## **Beavers and Lake Level**

The lake level has been kept close to normal this spring. Heavy rains have kept the water flowing over the dam at a rapid pace. Over the Memorial Day weekend several water falls were observed in the woods in places that have never had them before.

Andy Belkevich reports that he has not seen any beaver activity around the dam this spring. He will continue to monitor the area throughout the summer.

## **Around The Lake**

The Board has also renewed the Adopt-A-Natural Resource agreement for the dam at the lakes' outlet. This will allow us to adjust the dam to maintain the lake level as well as allow clean-up of the spillway area of beaver debris. The agreement also provides workman's compensation insurance coverage to those pre-registered for these activities. This agreement must be renewed every 5 years with the State. While on the topic of the dam, your help is needed. Paul Burroughs has been maintaining the boards in the dam for decades. For health reasons he will need someone to take over this duty. It should be someone who is local and can make adjustments as needed. Paul and Rolf

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Tiedemann will assist in getting someone set up in this position. Thank you Paul for all your hard work over the years!

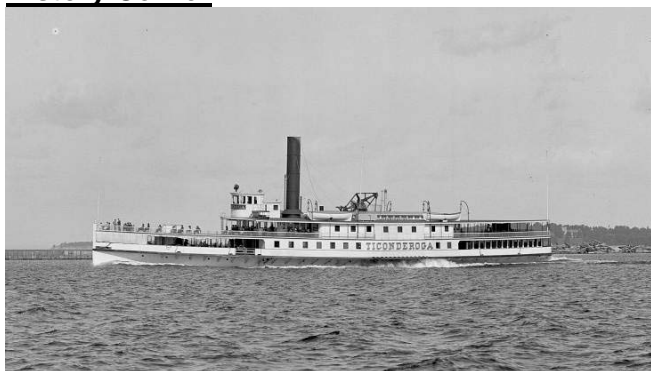
## Lost and Found

A 3 x 6 section of dock was observed at the beach. If you or someone you know is missing part of their dock, please retrieve it.

## Chilson Volunteer Fire Department

Member Jim Davis asked us to share with you that the Chilson Volunteer Fire Department will be celebrating their 50<sup>th</sup> year anniversary this summer. As part of the celebration they are hosting their annual chicken BBQ and are looking at having an antique fire equipment display. . The event will take place at the Chilson Community Center, Putts Pond Road, on Saturday July 23 – doors open at noon with serving starting at 2:00pm. Live music will be provided. All are welcome! For further details of the when and where contact Jim Davis, Celebration Co-Chair at 518 585-6686

## History Corner



Pictured above is the SS Ticonderoga. It was built in 1906 and was used to haul freight, passengers and soldiers between New York and Vermont. As passenger service declined it was also used as a casino on Lake Champlain. It was taken out of service in 1953. Its fate was in question for few years but a group was formed to save the ship. In the winter of 1955 it was hauled to the Shelburne museum. Over the years it was gloriously restored to its 1920's condition. It stands as the last walking beam, side wheel passenger ship in existence. The term, "walking beam" refers to the steel beam used transmit power from the steam engine to the paddle wheel. It can be seen in the picture to the right of the smoke stack. While underway the beam replicated a walking motion. It can be seen on display at the Shelburne

Museum in Vermont. Take a day to see this and many other great exhibits.

<http://shelburnemuseum.org/>

## In Memory of:

Teresa Smith passed away on May 12<sup>th</sup>. She was a longtime lake resident and ELPOI member. Her sister Josephine Poloski passed away two years ago and also was a longtime resident of the lake. Her family plans to keep the tradition of making memories at Eagle Lake. Please keep her and her family in your thoughts.

## Email List/ Communications

Your Board prefers to send communications and newsletters by e-mail rather than the more expensive snail mail. Please keep us informed of your e-mail addresses. If you know someone who would like to receive ELPOI communications, have them send an e-mail to Chris Hyde at [Cdhyde1@gmail.com](mailto:Cdhyde1@gmail.com). This annual request for membership renewal is an exception. As a corporation, ELPOI must allow paid members to submit a proxy for meeting issues. It is attached.

***Thank you for taking the time to read this information and keeping up to date on the news around the lake. If you should see news happening, please contact Chris Hyde so that it can be shared with others.***

*Written on behalf of the ELPOI Board by Chris Hyde and Others; milfoil project information written by Rolf Tiedemann,*

*Supporting Business members:*

### Hyde's RV & Boats

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**64 Blue Barns Rd. Rexford, NY 12148  
518-399-2880**

Address correspondence to;

**Eagle Lake Property Owners Incorporated  
C/o 11 Deepwood Drive - Ticonderoga, NY 12883**

*A 501 (c) (3) not for profit, all contributions are tax deductible;  
your consideration of a donation is most appreciated.*



# UPDATE

Spring 2011

Managing Lakes and Ponds since 1971

Celebrating  
**40** years  
of Service

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## Lake Fairlee – the next chapter in a continuing effort of management

Lake Fairlee is a 457-acre body of water located in Fairlee, West Fairlee and Thetford, Vermont that has been infested with Eurasian Water-milfoil (*Myriophyllum spicatum*, E. milfoil) since 1995. The Lake Fairlee Association (LFA) has been very active in managing this invasive aquatic plant in selected areas of the lake with techniques including hand harvesting, benthic barriers and suction harvesting. Their efforts are very well documented on their blog [www.fairlee.org](http://www.fairlee.org).

In 2009 the LFA began exploring options beyond the mechanical means previously developed and employed. Their efforts



over the years had led them to build and customize equipment specifically suited for their lake; however, the level of E. milfoil infestation had increased to over 100 acres which proved to be well beyond the scale of their capabilities.

Lycott worked with the LFA and the Vermont Department of Environmental Conservation to secure a permit for a multiple-area herbicide treatment which was conducted in June of 2010. Following the posting of the lake's shoreline with the various imposed water-use restrictions, Lycott was able to perform the herbicide application to the infested areas of Lake Fairlee in a single day by utilizing three treatment teams.

Following the treatment the members of LFA collected water samples on a prescribed schedule during the summer for the purpose of herbicide residue testing. In addition, Lycott divers removed several acres of previously installed benthic barriers panels, a condition of the state permit. A fall survey was conducted consisting of



Local boat poking fun at milfoil issue 100-plus

inspection sites within the treated areas. Although damaged milfoil was observed at one site, all other sites were free of E. Milfoil.

Lake management efforts planned for 2011 will be limited to hand harvesting and in-depth surveys. The LFA will continue to position paid and volunteer boat ramp monitors at the main boat ramp in a persistent effort to prevent the re-infestation of

Lake Fairlee by invasive aquatic plants and animals. Boat ramp monitors will also educate the boating public about the risks associated with the transportation of aquatic plants. The 'year-after-treatment' survey conducted in 2011 will provide a long-term picture of the E. milfoil control achieved from the 2010 herbicide treatment.

### From the President's Tool Box

2011 marks Lycott Environmental, Inc.'s 40th year in operation. During this time we have managed hundreds of lakes and ponds throughout the Northeast. Over the years teams have pioneered new methodologies and treatments in mechanical, chemical and other techniques. In 2009 Lycott began the transition from its founding members to a new team of passionate lake and pond managers.

Lycott Environmental, Inc. was founded in 1971, by Lee Lyman who has begun a new phase in his life as an independent consultant and golf aficionado. Like many transitions, the successful ones take time and careful consideration. As the new owner and president of Lycott, I believe Lycott's change in ownership is a text book example of the transition of a small service based business. I am extremely proud of our em-

ployees for embracing the change and grateful to our clients for helping us learn more about the perceptions of the services we provide for them.

As always, if you have questions about your pond, lake or even your management programs, please call us and a member of our team will be ready to assist you.

### INSIDE THIS ISSUE

- 2 *When Herbicides are not the Answer*
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# 2011 Membership Application/ Renewal and Proxy Form

## ANNUAL MEMBERSHIP DUES

All property owners around Eagle Lake and adjacent to the Lake are eligible for membership and 60% of you joined last year! Let's make it a 100% this year! The annual *membership* fee is \$25.00 for property owners. The fee is \$15.00 for non-property owners who wish to join as *Associate Members*. We have also added a *business membership level for \$ 65.00* Please show your interest in supporting the Lake and stay on ELPOI's mailing list.

Please return dues by June 30, the record date for the annual meeting. (Monies will also be collected prior to the annual meeting) Meeting starts at 10 am. Picnic to follow the meeting. Costs, are listed below – burgers, hot dogs and place settings are provided, please bring a dish to pass. Soda and water will also be provided.

Cut here: Return lower portion -----

<b>Contact Information</b> Name _____ Winter Address _____ _____ Winter # _____ Lake # _____ <b>Membership-</b> (check/complete appropriate lines) Membership \$25.00 _____ Associate Member \$15.00 _____ Business Member \$ 65.00 _____ (Includes Assoc. Membership & Ads in communications)
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<b>Picnic request</b> # Adults x \$6.00 = \$ _____ #Children x \$4.00 = \$ _____ #Family x \$18.00 = \$ _____ <b>Additional Donation(s)</b> Unrestricted Donation \$ _____ Milfoil Restricted Use \$ _____ <b>Total Enclosed</b> \$ _____ Make checks payable to ELPOI
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<b>Return All Information to :</b>  ELPOI % Rin Fraize 11 Deepwood Dr. Ticonderoga, NY 12883
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**Providing your e-mail address allows ELPOI to contact you at reduced cost!**  
**Email** \_\_\_\_\_

### Member Proxy

I, \_\_\_\_\_ as a Member in good standing of the ELPOI, do hereby designate \_\_\_\_\_ who is a member in good standing, or who is another record owner of the same membership parcel of said Corporation, to vote and act on my behalf on all matters that come before the meeting to be held on July 9, 2011 at 10 a.m.

Signed by: \_\_\_\_\_ Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date \_\_\_\_\_

Eagle Lake Property Owners, Inc.  
C/o 11 Deepwood Drive  
Ticonderoga, New York 12883

# Eagle Lake Property Owners, Inc.

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## **Officers 2010-11**

President – Andy Belkevich  
Vice President – Steve Stubing  
Secretary – Mary Loose  
Treasurer – Rin Fraize

## **Board of Directors**

Ann Patterson 7/11  
Mary Lloyd Burroughs 7/12  
Chris Hyde 7/12  
Stephen Phelps 7/13  
David Williams 7/13

Newsletter – June 2011  
Membership Renewal

**Visit us on the web at [www.eaglelake1.org](http://www.eaglelake1.org)**

**Responsible lake stewardship since 1907**

Established in 1907 and incorporated in 1993, ELPOI is a 501 (c) (3) not-for-profit organization that serves to protect the mutual interests of its lake property owners and to maintain the environmental and recreational quality of Eagle Lake.