
Lower Beverley Lake Association

Founded in 1932

2016 LOON CALL

LBLA, PO Box 204, Delta Ontario K0E1G0

Letter from the President

Hello from New Hampshire. I will be heading to the lake in several weeks for my winter sojourn – if you are on Facebook, I will be posting pictures of the lake in winter. I love the lake in the summer, but in the winter, it is even more quiet and peaceful. I enjoy walking and snowshoeing with the dogs. Depending on the snow cover, I may even get some skating in.

This is my fourth LBLA newsletter. I have loved being President of the lake association but it is important that some of the board positions be more fluid. New people bring new ideas and members will not want to join the board if they don't think they will be able to get off when it is time. A new President means I will move to the Past President position and Dave Champagne can finally take a well-deserved break. We will also need a new Vice-President. The hope is that after two years of being Vice-President, that person would then move to the President position and we look for a new Vice-President. I have heard so many people say "Oh, I could never do what you do." It is important to realize that not everything I do is part of my President position nor does the next President need to do things exactly as I do them. I am the web-master for www.LBLA.net and manage our [Facebook](#) page. I plan on continuing those activities. I am also willing to be technology support as needed.

Another Board note is about our Treasurer. Betty Penstone has been the LBLA Treasurer for decades. She is in her 90's (you wouldn't know it if you saw her or her schedule) and is still doing great but it is important that we start working on getting her some backup. It is a big job and perhaps this is an opportunity to split it into 2 positions – one for money and memberships coming in and one for check writing, bill paying, and money going out. I know our auditor would like that! If this is something you might be interested in, please email me (lynne.jeffries@comcast.net)

Late in the summer of 2015, I received an email from the Rideau Valley Conservation Authority about mapping the aquatic plants (weeds) of our lake. My husband and I spent 5 days driving slowly

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Upcoming Events

July 13, 6:30 pm

Annual General Meeting
Delta Fairgrounds Hall

July 16, 10 am

Youth/Family/Anyone Event
Delta Township Park, Bradford Pavilion

July 23

Delta Fair

August 4, 10 am

Lake clean up
Meet at Delta Township Park boat ramp (raindate Aug. 5)

August 6, 3 pm

Annual picnic
Kendrick's Park

Ice out contest

Guess when the ice will melt on our lake! Look for the contest on our LBLA Facebook page & choose a date between March 20 & April 18 when you think ice out will occur in 2016. The closest person to guess the date wins a prize!

Letter from the President, cont.

around the whole lake with a fish finder attached to the boat. The data will be on the LBLA website when it is available. I am not sure where we can go with the data, but I do know that the overgrowth of weeds in LBL has been a pretty constant complaint. In the 30+ years I have been on the lake, there are places that I used to be able to swim that are now full of weeds. I always keep my ears open to options but we need to be VERY cautious introducing anything to the lake without understanding the long term ramifications.

This newsletter includes an article about the flowers and plants on Railroad Street, written by a camper at Cedar Knolls Camps. I am sure all the plants he mentions can be found all around the lake. Also included is information from the Federation of Ontario Cottagers' Associations about invasive species. We are a Member Association so our members can take advantage of "members only" information, which can be found at www.foca.on.ca. Invasive species are a problem for all lakes. Once an invasive species is in the lake, it's practically impossible to get rid of, so prevention is the key.

The dates for events for 2016 are on the website: www.lbla.net. Our **Annual General Meeting** (AGM) is July 13; the speaker will be from Queen's University's Biological Station in Elgin. The **youth/family/anyone event** is Saturday, July 16. Matt Saunders will talk about bats and we will have an opportunity to build our own bat houses. Please check the website for the dates, times and places and join us for one or all of our events.

Don't forget to renew your membership. Last year we added electronic newsletters to the options. This helps keep our costs down. An electronic newsletter will be sent to everyone we have an email address for. If you did not sign up for electronic only and do not want to have a paper newsletter mailed to you, you just need to reply to the email and let me know. We have also been culling our newsletter list. If someone has been on the lake and has not joined for the last 15 years, we have stopped mailing them a newsletter. Newsletters are always available on our website and paper ones are available at the AGM. We currently have over 400 cottagers listed in our database. 104 signed up to receive the electronic newsletter and 111 were removed from the list due to the 15 year cut off, so just under 200 paper newsletters will be mailed this year.

Hope to see everyone enjoying the lake this summer and participating in the lake association. We are always looking for ideas and volunteers!!

Lynne Jeffries

Emergency Response

Last year we talked about emergency contacts for Americans needing to go across the border to the US for an emergency. This year I want to talk about an emergency on the lake that requires an ambulance or other help arriving on the lake.

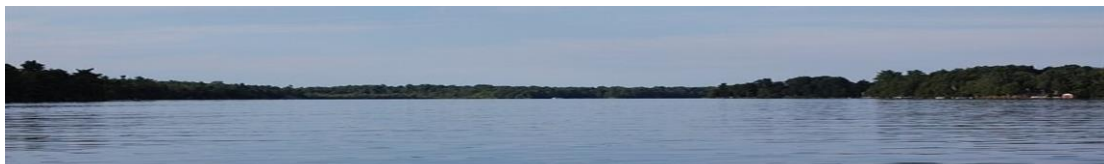
If you have a land line, 911 is active in our area. There is information you will need to know when calling for help and FOCA has put together an Emergency Response Locator for Rural areas. You can type in your information and print it out so that it is handy when you need it. Don't wait until you need it to gather this information.

<https://foca.on.ca/emergency-response-in-remote-areas/>

Cottage Succession Seminar

In 2015, we purchased a DVD of FOCA's Cottage Succession Seminar. We will be looking to find a local venue in which to host the showing of that DVD as a public service to our members and other cottagers in the area. We will be sending out an email as well as posting information on our website and on our Facebook Page when a venue and date have been secured. Here is a link to FOCA for more information about the seminar on the DVD.

<https://foca.on.ca/cottage-succession/>



Water Testing – summer 2015

For the second season, dissolved oxygen (DO) levels were monitored in one of the deeper parts of the lake, using a Lamotte field kit. Most samples were collected between Lighthouse Point and English Island, in depths ranging from 60 to 80 feet. Dissolved oxygen is important to various cold water species, including popular game fish. When organic sediments from the surface fall to the bottom layers of deep water, the decomposition gradually depletes the oxygen available in these deeper water layers. During much of the summer, the bottom layers of water do not mix with the surface water, so when deeper oxygen is depleted, it is not replaced until a fall mixing of lake waters when the surface water temperature drops.

During the late spring and summer of 2015, dissolved oxygen started in the 6 to 7 ppm (parts per million) range, considered good for most species, and dropped to the 2 to 3 ppm range in late summer. This lower range is considered marginal for survival of some aquatic organisms, including some desirable fish species.

The 2015 pattern generally followed that of 2014. The late summer levels of DO indicate at least a moderate overabundance of organic sediments. This in turn usually relates to the nutrient levels of the lake waters. Phosphorus sampling has been ongoing in Beverley Lake for several years, in cooperation with the "Lake Partners" program, with results generally placing the lake in a middle level of productivity status. (For more information on this, see the Lake Partners program on the Ministry of Environment website.)

Lower Beverley Lake water test results

Kendrick Bay, Black Jack Island and Oak Bay are all testing in the middle of the trophic scale or mesotrophic. 2013 saw an increase in phosphorus levels in all testing areas and 2014 showed very little change. Our phosphorus data results for 2015 showed improvement in both Kendrick and by Black Jack Island. Oak Bay's levels stayed the about the same. We are testing an additional place we are calling mid lake (by English Island). There is no history here but the levels this year also place it mid mesotrophic. I do not claim to understand all the science but it looks to me like we are again heading in the right direction.

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Road Champions

Road Champions keep track of changes in cottage ownership, get new owners' mailing information so we can communicate with them, hand out LBLA welcome gift bags & encourage new owners to join the association. Please let your road champion know about any changes in ownership.

LB2: Pat Greenhorn (252D)
LB5: Laura & Rich White (520)
LB6: Don & Bev Wallis (605)
LB7A: Sheila Riskie (92)
LB9: Mary VanVoorhis (1140)
LB10 & LB11: Barb Kirby (LB1148)
LB12: Lynne Jeffries (1267)
LB13: Keith Hubbard (1318)
Cedar Sands: Don Palmer (310) & Dave Johnson (280)
Coon's Road & LB1: Dann Michols (305B)
Lake Shore Drive: Al Brown (2)
Kendrick Lane: Sandy/Frank Ellis(940)
Pilgrim, LaForty & Black Jack Lanes : Leslie Climie (162 Pilgrim)
Railroad St.: Betty Penstone (29) & Barb Kirkham (22)
White Birch Lane: Deb D'Angeli(957)
William Street: Fred & Sharon Olivo (42 Railroad)

Some roads still need a champion.

Volunteer for your road! We are still looking for Champions for:

- Black Jack Island
- Short Point Road
- Bobiak Road
- Lower Beverley Lake Park Road



Volunteers - Thank you to everyone who has volunteered!

BOARD of DIRECTORS:

President-Lynne Jeffries (lynne.jeffries@comcast.net)

Vice-President- Sherry McParlan

Treasurer- Betty Penstone

Secretary – Barb Kirkham

Past-President – Dave Champagne

Director at Large – Dave Johnson

Shoal Markers: Chris Beahen, Steve Brouse, Al Brown, Sheehan Carter, Millard Goodsell, Lynne Jeffries, Dave Johnson, Terry Kean, Michael Kilpatrick, Dann Michols, Stewart Nicol

Events/activities:

Newsletter – Anne Goodsell Love
Delta Fair Float (too many volunteers to mention)

Annual Picnic – Dave & Marsha Johnson

Annual Meeting – Board members

Lake clean-up – Sandy Ellis

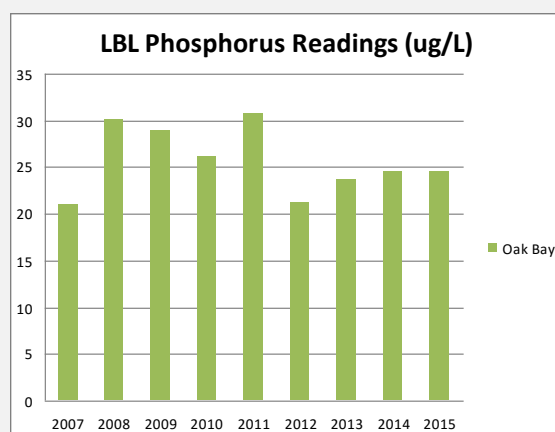
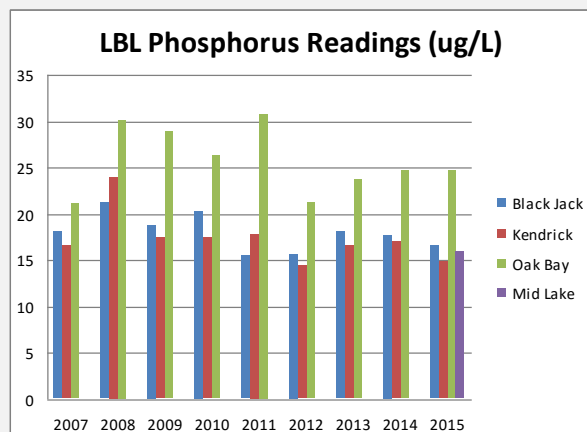
Website & Facebook page –
Lynne Jeffries

Water testing, cont.

Trophic Classifications. A lake is usually classified as being in one of three possible classes: oligotrophic, mesotrophic or eutrophic. Lakes with extreme trophic indices may also be considered hyperoligotrophic or hypereutrophic. The table below demonstrates how the index values translate into trophic classes.

Trophic Index	Chlorophyll	Phosphorus	Secchi Depth	Trophic Class
<30 - 40	0 - 2.6	0 - 12	>8 - 4	Oligotrophic
40 - 50	2.6 - 20	12 - 24	4 - 2	Mesotrophic
50 - 70	20 - 56	24 - 96	2 - 0.5	Eutrophic
70 -100+	56 -155+	96 -384+	0.5 - <0.25	Hypereutrophic
	micrograms/liter		meters	

Oligotrophic lakes generally host very little or no aquatic vegetation and are relatively clear, while eutrophic lakes tend to host large quantities of organisms, including algal blooms. Each trophic class supports different types of fish and other organisms, as well. If the algal biomass in a lake or other water body reaches too high a concentration (say >80 TI), massive fish die-offs may occur as decomposing biomass deoxygenates the water.



Railroad Street Plants of May-June 2015, by Fred Gaffney

While driving or walking the roads of Canada, have you ever wondered what was the eye catching wild flower on the roadside or median strip? I have. After working with plants all my life, I still stop to investigate new flowers as they come into bloom. This is especially true along Railroad Street along Lower Beverley Lake. My first exposure to this beautiful lake and street was in 1980 and I have been back every year since. I have noted wild flowers here for about the same number of years. As in years past, 2015 brought a wonderful assortment of wild flowers and grass/grass-like plants to adorn the edges of Railroad Street in Delta. My first walk was in mid-May. The street was lined with showy, **yellow dandelions** (1) in full bloom. With closer observation, I easily spotted **white trillium** (2), **purple violets** (3), **white baneberry** (4) and about a dozen other plants in flower.

1. Yellow dandelion



2. White trillium



3. Purple violets



4. White baneberry



The small 6-12 inch tall plant that resembles small pine trees is **horsetail or scouring rush** (Equisetum)(5). This plant is very common along Railroad Street and provides great ground cover on many of the steep banks; it frequently is intermixed with poison ivy. The **wild strawberries** (6) were in full bloom promising to provide some delicious sweet strawberries in a couple of weeks. The middle of June has many additional wild flowers, grasses and shrubs in bloom. Perhaps the most notable are the extensive stretches of the white flowers of **Canada anemone** (7) with patches of **dame's rocket** (frequently incorrectly referred to as phlox) (8). Dame's rocket has four petals on each flower; phlox has five petals on each flower.

5. Horsetail or scouring rush



6. Wild strawberries



7. Canada anemone



8. Dame's rocket



Railroad St. plants, cont.

Along Cedar Knoll Camps' road frontage are un-mowed areas allowing the **ox-eye daisy** (9) to showcase the road side. Spotty clumps of pinkish **common fleabane** (10) can easily be observed. Of about ten cool season grasses now in head, perhaps the showiest of these growing in the gravel and on rocky areas is the drought tolerant **smooth brome** (11). It is 2-4 feet tall with lax seed heads that wave in the breeze. In the wetter portions of drainage ditches is the tall **reed canarygrass** (12) with its wide leaves and slender seed heads. About 50 plants were in bloom.

9. Ox-eye daisy



10. Common fleabane



11. Smooth brome



12. Reed canarygrass



Some plants look innocent but one should give them their space and avoid contact with them. Many sections of the road shoulders are covered with **poison ivy** (13), so it is prudent to learn to identify this plant. If the plant has 3 shiny leaflets or is on a 'hairy' vine, avoid it. By mid-May the new trifoliate leaves are very glossy and shining. By mid-June, the pale white to yellow flowers hidden beneath the leaves will produce the classic white berries of late summer. Another plant to leave alone is the **wild parsnip** (14). In mid-June it is about 1-3 feet tall and getting ready to bear yellow clumps or umbels of flowers. These plants can cause severe rashes and blisters on a person's skin. For more detail, see the LBLA website. A third plant commonly encountered along the road is **stinging nettle** (15). In mid-June it is about 12 inches tall but will be 3-4 feet tall by July. Leaves are produced in pairs along tall stems. Flowers are not showy but the bristly leaves will cause an instant rash and burning or severe itching. Another plant of concern in Ontario is giant hogweed. I have not observed this phyto-phototoxic plant on any of my drives or hikes in this region. This plant is also discussed on the LBLA website.

13. Poison ivy with scouring rush



14. Wild parsnip



15. Stinging nettle



In mid-June the roadsides were mowed. This is a necessary maintenance process to keep the road from being over taken by the plants and reduce the potential for fires as the vegetation dries. On a sad note, the beautiful Canada anemone which was in full bloom was mowed off also.

Fred Gaffney is a Plant Material Specialist/Agronomist, retired, from the U.S. Dept. of Agriculture, Natural Resources Conservation Service. He lives in Syracuse, NY. Email him at: fgaffney@twcny.rr.com

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