

# Battersea Loughborough Lake Association Newsletter

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## President's Message - May 2018

What a strange winter we have had this year! The lake has been lower than normal over the winter and the ice has finally gone out. I hope all docks are fine after the wild winds we had not long ago and that cottage openings have gone well for those of you who spend your summers on the lake. For those of us who are year-round residents, I am sure we are all ready for summer to be here and for it to be warm. Before long, we will all be on the water and enjoying barbeques and the company who visit us.

Your Lake Association has been active in the ongoing discussions over the Johnston Point development. Members of the Board have attended a number of municipal meetings and supported presentations by concerned individuals. We are still waiting to hear from the MNRF on a variety of items.

We are continuing our ongoing water testing program this year and thank those who have volunteered their time in that endeavour. We are always looking for volunteers, particularly to join the Board of Directors. This year we will be losing some of our Directors, so we will be seeking replacements for them. If you are interested, please contact any of our current Board members and let us know. The list of those presently on the board is on page two of this newsletter along with their contact information.

In May, we had our annual Trout Stocking event. On behalf of all of us, many thanks go to Nada for

her organization of this event. Thanks also to those who helped out with the actual stocking.

The NCC is trying to acquire more land on Loughborough Lake. See the information on how you can be involved and help this worthwhile group keep wilderness areas for future generations.

Be sure to mark your calendars now with our AGM. This year it will be held on August 11th at the United Church in Battersea. Look for more information on this event later in this newsletter.

The Board has a flyer to encourage new Lake Association members. If you know anyone who is not yet a member, please let one of the Board members know, and we will drop off a brochure to them.

You may not be aware of all the benefits we gain individually as our association is a member of FOCA (Federation of Cottage Association). Look for more information on this link: <https://foca.on.ca/wp-content/uploads/2014/06/Why-Support-FOCA-2page-NO-CODES-Jul2017.pdf>.

I look forward to seeing all of you on the lake during the summer.

*Barbara Canton*

## Happening Soon!!

**SEPTIC SAVVY 2018** – Come learn how a septic system operates and how to maintain it. On Saturday May 26, attend a Lake Networking Group workshop at Perth Civitan Hall, 6787 County Road 43, Perth, ON. Learn why a properly functioning system is integral to a safe drinking water supply and a healthy lake. Register for the 9:00 to 12:00 workshop at: [halljw@sympatico.ca](mailto:halljw@sympatico.ca) by May 19, 2018.

# Battersea Loughborough Lake Association Newsletter

## Battersea Loughborough Lake Association

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Joe Pater – Vice President

Bob Fugler – Treasurer

Philippa Fugler – Secretary

#### Newsletter Editor

Joe Pater

[joelpater4@gmail.com](mailto:joelpater4@gmail.com)

#### Contacts

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[treasurerblla63@gmail.com](mailto:treasurerblla63@gmail.com)

[membershipblla63@gmail.com](mailto:membershipblla63@gmail.com)

#### Directors

Nada Beamish

Joanne McDonnell

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#### Member Survey

We will be surveying the BLLA membership about possible future directions for the organization shortly. Keep an eye on your inbox!!



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# Battersea Loughborough Lake Association Newsletter

## The Frontenac Christmas Bird Count:

### Our Little Corner of a Long-Standing Winter Tradition *(Carolyn Bonta)*

This past December 16 marked the 3<sup>rd</sup> annual Frontenac Christmas Bird Count (CBC), one of more than 2,000 CBCs that, together, form the longest-running Citizen Science project in North America. Covering most of Loughborough Lake north and east of Battersea (<http://www.birdscanada.org/volunteer/cbc/maps/ONFR.pdf>); the village itself is part of the Gananoque CBC), information collected during the Frontenac CBC survey contributes long-term information on the distribution and abundance of local winter bird populations.

Following a frigidly cold week, we couldn't have asked for a more pleasant count day: temperatures barely below zero, bright sunshine, and no wind. Participation doubled over previous years with 46 people surveying along roads and trails and four people counting birds at their feeders. Together, we counted 3,053 birds from 49 different species – twice as many birds as counted in previous years, and the highest species diversity yet! Our tally is summarized in the table on the right.

Several hundred Black-capped Chickadees and Dark-eyed Juncos were counted, but the most abundant bird this year was, unfortunately, a non-native species. European Starling numbers rose from only 29 in 2015 to more than 500 in 2017. With most open water having frozen over, relatively few waterfowl and gulls remained. Numbers of Red-breasted Nuthatch were high, continuing a trend first noticed in summer 2017. Despite this winter proving to be an overall decent one for winter finches – boreal species who descend on our area in large numbers when cone seeds are plentiful – only a single Common Redpoll appeared in the Frontenac CBC. No owls were detected during a nocturnal survey on the south shore of Loughborough Lake, although a

lingering Yellow-bellied Sapsucker in that area was a notable new addition to our species count.

Three BLLA board members and one seasonal resident took part in the Frontenac CBC, and we encourage more of you to join us. Scientists and policy makers use CBC observations to guide conservation strategies that help birds and their

Species	Count	Species	Count
Canada Goose	150	Pileated Woodpecker	7
Trumpeter Swan	5	woodpecker sp.	1
Trumpeter/Tundra Swan	5	diurnal raptor sp.	1
American Black Duck	18	Northern Shrike	2
Mallard	119	Blue Jay	253
Common Goldeneye	1	American Crow	46
Hooded Merganser	14	Common Raven	29
Common Merganser	22	Black-capped Chickadee	307
Ruffed Grouse	6	Red-breasted Nuthatch	39
Wild Turkey	60	White-breasted Nuthatch	51
Common Loon	1	nuthatch sp.	1
Northern Harrier	1	Brown Creeper	12
Sharp-shinned Hawk	1	Golden-crowned Kinglet	12
Cooper's Hawk	3	American Robin	71
Sharp-shinned/Cooper's Hawk	1	European Starling	522
Bald Eagle	15	Cedar Waxwing	80
Red-Tailed Hawk	5	Snow Bunting	90
Rough-legged Hawk	3	American Tree Sparrow	82
hawk sp.	1	Chipping Sparrow	1
Ring-billed Gull	1	Dark-eyed Junco	465
Rock Pigeon	24	Song Sparrow	4
Mourning Dove	141	Northern Cardinal	13
Red-bellied Woodpecker	2	Red-winged Blackbird	85
Yellow-bellied Sapsucker	1	Purple Finch	14
Downy Woodpecker	31	House/Purple Finch	5
Hairy Woodpecker	35	Common Redpoll	1
Downy/Hairy Woodpecker	2	American Goldfinch	140
Northern Flicker	1	House Sparrow	25
		...and of course: bird sp.	24

habitats, and this influences decisions about development, road management (speed limits, salt), and land use – things that affect all of us and the Loughborough Lake habitat we care about. Christmas Bird Counts are open to anyone and the Frontenac CBC is particularly welcoming to new or novice bird enthusiasts. Supported by the Friends of Frontenac Park, count day kicks off with a free Winter Birds 101 workshop in Sydenham and families can take part in activities for all ages at Frontenac Provincial Park.

If you are interested in participating in a future Frontenac CBC, our local coordinator would love to hear from you! We especially need stay-at-home feeder-watchers around Loughborough

# Battersea Loughborough Lake Association Newsletter

Lake. Contact Carolyn at [bonta.johnson@sympatico.ca](mailto:bonta.johnson@sympatico.ca) or 613-531-4578 to be added to the distribution list. For more

information on Christmas Bird Counts, please visit Bird Studies Canada's website at [www.birdscanada.org/volunteer/cbc](http://www.birdscanada.org/volunteer/cbc).

## Camping on Loughborough's Crown Land *(Joanne McDonnell)*

Why travel hours to go camping when we have wonderful spots on our lake! This would be true camping with no luxury amenities. There are several islands which are designated Crown land where camp sites have been set up. The nice thing about these sites is that they are free but on a first come, first served basis. To check out restrictions go to [www.ontario.ca](http://www.ontario.ca) and search "Camping on Crown Land".

The most common sites are in the east basin starting with Whitefish Island in the channel. Continuing eastward, there is Goat Island (3 camp sites), Papoose, Sheep and Porcupine Islands and farther in the east basin Snake Island, just to name a few. There are no docks but boats

can tie up easily. Most have a picnic table and a fire pit, plus the all important privy. The picnic tables on Goat Island as well as the privies (complete with plaques saying, 'For more privacy, close your eyes.') were donated years ago by the Father and Son Ministry. They return each May long weekend to clean the sites and make appropriate repairs while enjoying island camping. A few years ago, the Lake Association built and placed privies on several islands that needed them.

Soon the nice weather will be upon us. Why suffer through a long, hot car ride when you can just load your boat, canoe or kayak and have a beautiful outdoor experience!



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# Battersea Loughborough Lake Association Newsletter

## The Natural Edge – Watersheds Canada (*Chloe Lajoie and Susan Sutherland*)

Did you know that shorelines are home to 90% of aquatic wildlife at some point in their lifetime? They use this vital piece of land for food, shelter, breeding, and rearing young. Waterfront properties have a large impact on the health of our lakes and rivers, which is why we need to do our part in preserving our shorelines.

A natural shoreline, covered in native vegetation, has many benefits. Plant roots are essential to reducing erosion as the roots hold the soil in place. They also improve water quality as the roots filter out toxins and excess nutrients from water runoff. Our Natural Edge program is designed to help landowners create a natural shoreline by planting native trees, shrubs, groundcovers, and wildflowers in areas that aren't used for water access.

This year, Watersheds Canada has received funding from the Great Lakes Guardian Community Fund and the Department of Fisheries and Oceans Canada to work with landowners to naturalize their shorelines. Taking part includes:

1. **A free site visit** where Watersheds Canada staff will complete a site assessment of your property taking pictures, measurements, and a soil sample.

2. **A customized planting plan** will be created on-site where you can choose plant species and plant placement.

3. Once approved by you, **plants will be ordered, delivered to your property, and planted** by Watersheds Canada staff and possible volunteers.

With recently approved funding from the Great Lakes Guardian Community Fund and the Department of Fisheries and Oceans Canada, property owners only have to pay 25% of the total project costs. They may also be eligible to receive a free bird house and bat box.

For more information on the Natural Edge Program please contact Chloe Lajoie, Natural Edge Program Coordinator at [lajoie@watersheds.ca](mailto:lajoie@watersheds.ca), 613-264-1244.

Watersheds Canada has also offered to facilitate a “Design Your Shoreline” Workshop if we have five property owners from the Lake Association who would like to create a planting plan to naturalize their own shoreline. If you are interested in participating in the “Design Your Shoreline” Workshop, please contact Susan Sutherland, Battersea Loughborough Lake Association, 613-353-6538.



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# Battersea Loughborough Lake Association Newsletter

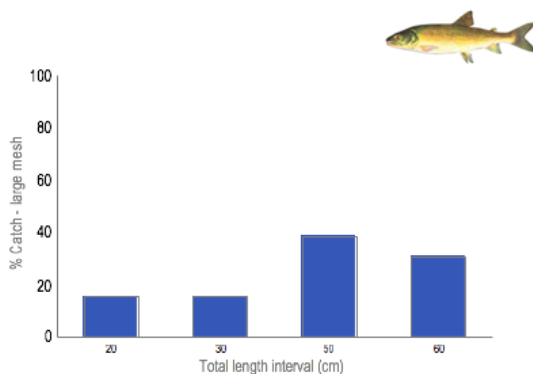
## MNRF – Lake News (*Nada Beamish*)

- The Loughborough Lake Trout population appears to be doing well and is reflected in the number of different sized fish which are surviving and being caught. Anecdotal information passed on to MNRF indicated that ice anglers this winter had great success catching Lake Trout of various year classes. There was no formal creel survey completed.
- By the time you read this newsletter, the annual trout stocking event for the lake will have finished. Many thanks to the dedicated volunteers for helping MNRF in this worthwhile project.
- The results from the Broad-Scale Netting Program conducted in August 2017 have been made available by Joel Clarke, the Aquatic Monitoring Technician in MNRF's Science and Research Branch. The bulletin is included below. Since this is

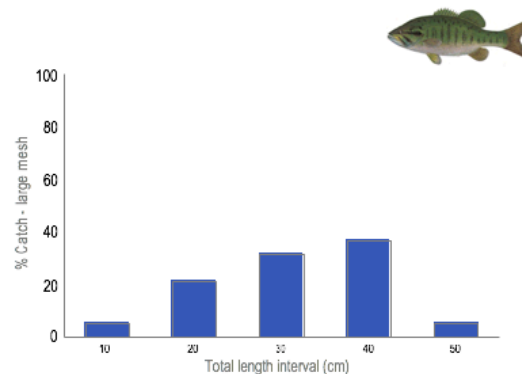
the first time this particular program has been conducted on the lake, there is no comparison data provided. Note that analysis of the Zooplankton collected, to determine if any new invasive species are present, will be available later this summer. An update will be shared in the fall newsletter.

- Joel Clarke (MNRF) also provided a link to the annual 'Guide to Eating Ontario Sport Fish' published by the Ministry of Environment and Climate Change (MOECC) – <http://ontario.ca/fishguide>. You can use the site to find safe monthly consumption limits of a variety of fish not only from Loughborough Lake, but all others in the province. It's an interesting site which gives access to a wide variety of specialized maps relating to Ontario lakes, groundwater, wells and other things.

Length distribution of Lake Trout



Length distribution of Smallmouth Bass



Catch results are presented in 10-cm length intervals, labelled with the lower limit (e.g., the "20 cm" interval represents fish between 20 cm and 29 cm). The size of Lake Trout ranged from 26 to 69 cm and the size of Smallmouth Bass ranged from 15 to 51 cm in large mesh nets.

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For more information please contact Ministry of Natural Resources and Forestry at 1-800-667-1940, send an email to [mnr.nric.mnr@ontario.ca](mailto:mnr.nric.mnr@ontario.ca), or visit [www.ontario.ca/fishing](http://www.ontario.ca/fishing).

## Broad-scale Fisheries Monitoring Program Bulletin LOUGHBOROUGH LAKE - FMZ 18 - 2013-2017

### Loughborough Lake facts

Location: PITTSBURG

Surface area: 1890 ha

Maximum depth: Not Available

Average depth: Not Available

Water clarity: 5.9 m



### Monitoring activities

- Fish netting
- Fish contaminants
- Zooplankton
- Water chemistry
- Bathymetry
- Water temperature/dissolved oxygen
- Aquatic invasive species



### Netting summary

Netting period: Aug 22 to Sep 1 2017

Number of nets set: 39

Number of fish species caught: 16

### Fish netting results

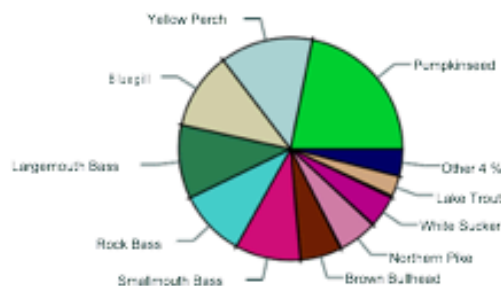
Fish populations were surveyed using large and small mesh nets to provide information on fish species present and their characteristics, such as growth, age, and abundance. The catch data (depicted in the chart below) show that 14 species were surveyed in large mesh nets. Additional fish species observed in small mesh nets were Bluntnose Minnow and Slimy Sculpin.

Fish species	Total catch %	Maximum length (cm)	Minimum length (cm)	Average length (cm)
Pumpkinseed	22	23.4	11.2	19.0
Yellow Perch	13	34.0	9.7	21.0
Bluegill	11	21.9	10.2	16.5
Largemouth Bass	11	54.2	14.7	30.8
Rock Bass	10	27.3	10.9	18.0
Smallmouth Bass	9	51.4	15.6	36.9
Brown Bullhead	6	31.6	20.9	26.1
Northern Pike	6	80.8	34.6	55.6
White Sucker	5	55.9	28.8	41.3
Lake Trout	3	69.5	26.9	51.0
Black Crappie	2	29.4	13.5	22.9
Yellow Bullhead	1	23.2	19.0	21.7
Rainbow Smelt	< 1	11.3	11.3	11.3
Golden Shiner	< 1	17.3	17.3	17.3

### About Broad-scale Fisheries Monitoring

The Broad-scale Fisheries Monitoring program collects information from representative lakes in fisheries management zones across the province to help biologists manage our fisheries effectively. This bulletin provides a snapshot of recent monitoring activities and netting results. The sampling approach allows us to measure and evaluate the health of Ontario's lakes and their fish communities, and track changes through time over broad areas of Ontario. To learn more about the sampling program visit [Methods for monitoring fish populations](#).

### Proportion of fish caught in large mesh nets



# Battersea Loughborough Lake Association Newsletter

## The Geology at Perth Road and North Shore Road *(Tim Packulak and Douglas Archibald)*

*Dept. of Geological Sciences and Geological Engineering Queen's University*

Many people have observed groups of geology students on the side of the road in their hi-vis vests and hard hats studying the local rock road cuts. Geology is the science that deals with the earth's physical structure and substance, its history and the processes that act on it. Our Department believes that direct exposure to rocks in the field is essential if students are to bridge the gap between the lecture hall theory and real world practice. The Kingston area is one of the best places for this sort of experiential learning due to the incredible diversity of rock types and features in a relatively small area. In the area immediately surrounding Loughborough Lake at Perth Road, over 1 billion years of history is exposed. The geological history of the Kingston Area includes formation of Himalayan-sized mountains (1 billion years ago), and their erosion and submergence under a tropical sea (450 million years ago).

The rock exposures near the turn off to North Shore Crescent contain three rock types as shown in Photograph 1. The layered rock unit (called a gneiss) is the result of metamorphism at high temperatures (up to 650° C) and high pressures (buried at depths 10 – 15 km below surface) about 1200 million years ago. The layering is nearly vertical at the south end of the outcrop but flattens and is warped to the north indicating that the layers were folded. The red-pink coloured rock is an off-shoot of a large body of 1170 million year old igneous rock (syenite) exposed between Rutledge Road and Perth Road Village and is mostly composed of the mineral potassium feldspar. The black rock is another type of igneous rock known as a mafic dike and composed of black minerals (pyroxenes) and transparent minerals (plagioclase feldspar). In the photograph, age relationships between the rock types can be determined. Syenite (red-pink) cuts the gneiss making the syenite younger than the metamorphic changes and folding of the

layers. The low angled mafic dike subsequently can be seen to cross-cut both the gneiss and the syenite making the mafic dike the youngest rock unit here. Later, the mafic dike was offset by a fault (a planar structural feature across which movement has occurred). All of these events, which were part of the formation of the Grenville Mountains, happened over 1 billion years ago.

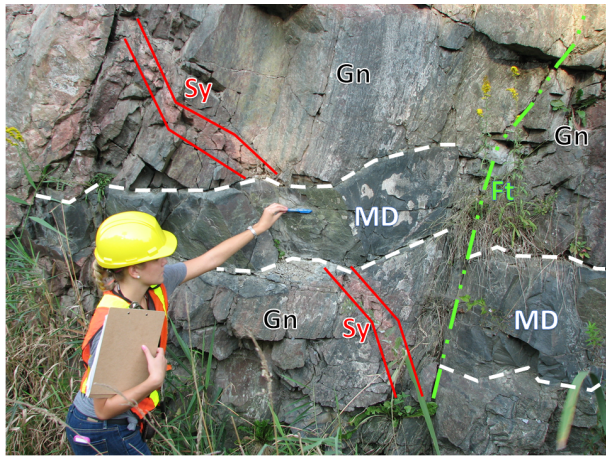
Over the next 500 million years these rocks were uplifted to the Earth's surface. To the north, near Rutledge Road there is evidence that the erosion surface at the time was not flat. As shown in Photograph 2, sandstone can be seen lapping onto the syenite. The white weathered surface of the syenite is several cm. thick and extends under the greenish-grey sandstone providing evidence of a hill that was present 450 million years ago. This thin layer of sandstone is found locally underneath the more common and thicker limestone exposed throughout the Kingston area and both were deposited in a warm tropical, shallow sea. The students are examining a 450 million year old beach.

Interestingly, south of Loughborough Lake the sandstone is not exposed at the surface but is found at several 10s of meters depth below the limestone surface in water wells north of Inverary. Consideration of the elevation differences of the sandstone unit on either side of the lake has lead to speculation that there is a regionally extensive fault zone along the length of the lake with about 10 m of south-side-down displacement.

In the fall, if you see us intently looking at the rocks, feel free to wave hello. If you have any questions on the exciting geology in your backyard or want more detailed information on the geological history of the Kingston area, we suggest a visit to the Miller Museum of Geology in Miller Hall at Queen's.



# Battersea Loughborough Lake Association Newsletter



Photograph 1: GEOL/E 221 student studying the geological relationships in the Kingston Area. Gneiss (Gn), Syenite (Sy), Mafic Dyke (MD) and Fault (Ft)



Photograph 2: GEOL/E 221 students looking at a paleo-beach (450 million years ago) near corner of Perth Rd and Rutledge Rd

## Municipal Elections *(Philippa Fugler)*

The next Municipal Election will be held October 22, 2018 and the process for the 2018 Election will exclusively utilize the alternative voting method known as "Voting by Telephone/Internet". The voting period, being the advance vote and including voting day, will be for a term of 8 (eight) full days commencing Monday, October 15, 2018 at 8:00 am (Eastern Standard Time) and the Voting period will terminate on Monday October 22, 2018 at 8:00

pm (EST). The results of the election will be presented in the Sydenham Library Community Room, 4412 Wheatley Street, Sydenham, as soon as possible after 8:00 pm on October 22, 2018. *(From South Frontenac Township's website)*

Your Lake Association, along with the Dog Lake Association, will be hosting a "Meet The Candidates" event in the middle of September at Storrington Centre. Watch the South Frontenac website for further details.

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# Battersea Loughborough Lake Association Newsletter

## **Battersea Pumpkin Festival** (*Amanda Pantrey Chair, 2018 Battersea Pumpkin Festival*)

The 24<sup>th</sup> Annual Battersea Pumpkin Festival will be held on Saturday October 13, 2018. Tickets will be on sale at the ball field from 9 am to 3 pm for \$5 each or \$20 for a family.

Be sure to join us at 10 am for the festivity kickoff ... the Pumpkin Parade! There will be lots of family fun to be had throughout the day and all over the village of Battersea. Don't miss the live music, pumpkin carving, farmer's market, cookie decorating, free model train and wagon rides, the petting zoo, kids' crafts, the pie eating contest, games, the haunted barn, and much more!

As always, there will be lots to eat. Start off at the Holiday Country Manor for the pancake breakfast; perhaps you will even join us for lunch.

Back at the ball field you will find delicious classics such as the canteen and the Firefighter's Beef on a Bun. Top it off with a visit to the Battersea United Church for the Pie Social.

Volunteers are needed for all areas of the festival (particularly for set up on Friday October 12). Please contact Michelle Pantrey at 613-353-6653 or find us on Facebook.

Last year was a huge success for the Pumpkin Festival with approximately 2000 visitors. The organizing committee is proud to say that \$5000 was donated back to the community! We are hoping for a streak of good weather and record attendance for the event so we can continue to give back to this wonderful community. See you all on October 13!



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# Battersea Loughborough Lake Association Newsletter

## Did You Know? *(Bob Fugler)*

A bit of a warning for local residents and cottagers - raccoons with distemper have been spotted around the East Basin. The disease, which has its origins both as canine and feline distemper, can cause the affected raccoon to lose their fear of humans, act disoriented, and is often fatal to the animal. While humans cannot catch distemper,



people have to watch out for odd behaviour by raccoons, ensure that their children will not get the opportunity to interact with the animals and have their pets properly vaccinated.

The Sandy Pines Wildfire Centre, based in Napanee, said in a January Facebook post that they are currently experiencing higher than normal calls in regard to raccoons in distress due to this disease.

## No Wake Zones *(Susan Sutherland)*

In Ontario waterways, there is a general non-posted 10 kph speed limit within 30 metres (100') from shore. Most boaters on the lake are aware of this law and do whatever they can to be sure their boat wake does not cause damage to our boats and docks, erode shoreline property or cause harm to newborn loons, ducks and geese, spawning fish or fragile wetland habitats. Unfortunately, some of our members have felt the negative impact of boaters who are careless

in this regard. In response to these concerns, we have posted notices at each of the boat launches to remind boaters of the law. Also, South Frontenac Township has agreed to provide the Lake Association with several 'No Wake Zone' signs which will be made available free of charge to property owners whose shorelines or property are being negatively impacted by boat wake. Please let us know if you would like to post a sign on your property.

## Reminder ... *(Evonne Potts)*

KFL&A Public Health, one of the many presenters at the excellent Well and Septic Maintenance Workshop held this past January, wants to raise awareness about the importance of having your drinking water tested at least three times per year.

Whether you have a well, or you draw directly

from the lake, your drinking water should be tested in the spring, summer and fall. Testing is FREE and easy.

For more information contact KFL&A at <https://www.kflaph.ca/en/healthy-living/Drinking-Water.aspx> or call (613)-549-1232.



# Battersea Loughborough Lake Association Newsletter

## Wetlands – More Important Than Ever *(Philippa Fugler)*

Wetlands contribute to clean, abundant water supplies. Unfortunately, up to 70% of wetlands in settled Canada have disappeared as a result of development, drainage and land conversion to other uses.

**What are wetlands?** They are natural areas where water and land meet and include swamps, bogs and marshes. The shorelines of our lakes may also be considered wetlands.

**Why are they important?** Wetlands are valuable ecosystems which act like giant sponges to soak up surface water runoff and attenuate flood waters and storm flows. The water is then slowly released during times of low water or drought. The stored water is filtered, sediments are trapped and pollutants and toxic substances are removed via plant uptake and bacterial metabolism. This is why wetlands are sometimes called “nature’s kidneys”.

**Why should we protect wetlands?** It has been said that wetlands are among the most productive and biologically diverse ecosystems in the world. They provide habitats for a wide variety of plants, fish, birds, mammals, insects and reptiles which rely on wetland areas for breeding, nesting and food sources. In Canada, we are experiencing droughts, floods, contaminated water and toxic algae more often. Wetlands can be a large part of the solution by balancing, cleaning and storing our water supplies.

Lake residents can protect and restore wetland environments by maintaining and planting native vegetation along their shore. The preservation of wetlands in our lake environment will improve water quality, diminish the effects of floods, ensure a habitat for spawning fish and thereby maintain healthy fish populations.

References: Ducks Unlimited Canada and Take the Plunge, FOCA

## Nature Conservancy of Canada to Conserve the Koen Property *(Gary Bell, NCC)*

The Nature Conservancy of Canada (NCC) has been negotiating with the Koen family for several years regarding the acquisition of forests, wetlands, and shoreline along the shores of Loughborough Lake at the mouth of Leland Creek. NCC now has signed an agreement to purchase approximately 161 acres. The Koen lands lie south and east of Koen Lane and North Shore Road, just east of Johnston Point.

NCC has been protecting ecologically important land on the eastern basin of Loughborough Lake for more than a decade, beginning with the purchase of the Elbow Lake property from Hewlett-Packard in 2008. These lands, managed for natural habitat, include some of the richest wildlife habitat in eastern Ontario. The Loughborough Wilderness also protects almost six kilometers of shoreline on Loughborough Lake

as well as additional frontage on Elbow, Spectacle, Fishing, Guerley, and Upper Rock Lakes. The purchase of the Koen property will bring the total of these protected lands to approximately 3,500 acres.

### Ecological Significance

The Frontenac Arch is the southern-most extension of the Canadian Shield, extending from the Algonquin Highlands of Ontario to the Adirondack Mountains of New York. This rugged landscape was settled after the War of 1812, but was ill-suited for agriculture. Most of the farms carved from the forest have returned to nature and this is now the most heavily-forested landscape in southern Ontario.

# Battersea Loughborough Lake Association Newsletter

A unique area, the Frontenac Arch is a meeting point of northern Canadian Shield forests and southern Carolinian influences. Home to a wide variety of plant, insect and animal species, the Frontenac Arch is one of the most biodiverse regions in Canada, and a place of great beauty. The Arch serves as a funnel for migrating birds, bats, and insects, and animals with large home ranges such as the fisher.

The Frontenac Arch's incredibly rich natural environment and history was recognized in 2002 when it became a UNESCO World Biosphere Reserve, part of a world-wide network of 669 Biosphere Reserves in 120 countries.

The Koen property includes fields and forests but features a large proportion of the particularly rich

Loughborough Lake wetlands. This property is known to harbour at-risk whip-poor-will, eastern musk turtle, and blanding's turtle.

## You Can Help

NCC still needs to raise approximately \$100,000 of the total costs of \$273,000 to complete this project. If you would like to support this vital conservation work, which will protect some of the most rugged shoreline and watersheds of Loughborough Lake, please contact Gary Bell at [gary.bell@natureconservancy.ca](mailto:gary.bell@natureconservancy.ca) or (613) 862-3331. NCC is a national non-profit charitable organization and donations to the Loughborough Wilderness Project are tax-deductible.



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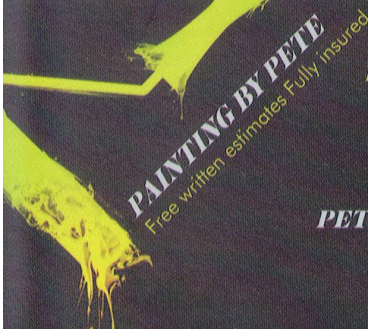


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# Battersea Loughborough Lake Association Newsletter

## Your Lake Association Needs You!!

The members of your Board of Directors are all volunteers. We need you to step up and be an active part of the Lake Association by joining the Board of Directors. The constitution allows for 15 members on the Board. **This year we have nine and several members of our current Board have indicated they will be stepping down as of our AGM in August.**



You can fill these shoes and help our Lake Association continue its mandate of conservation.

How much work is it? The Association has four meetings each year for the full Board and the executive sometimes has additional meetings as the need arises. It's a working board so you choose the projects that interest you and work at your own pace.

### We need your help and we need it now!

If you want to join the Board, please contact Bob Fugler ([bob.fugler@gmail.com](mailto:bob.fugler@gmail.com)) or tell any Board member. Contact your friends and neighbours on the lake as well and urge them to become involved.

### Church Service on Loughborough Lake

The United Churches of Battersea and Inverary welcome all residents, cottagers, and visitors to attend church in **Battersea Bay at 10 am on Sunday August 12.** Come by boat or rendezvous at the Battersea boat launch at 9:30 if you would like to be picked up.  
Please join us!

### SAVE THE DATE!

### SATURDAY AUGUST 11, 2018 4-8 PM ANNUAL GENERAL MEETING

Please join us for a potluck supper and meeting at Battersea United Church, 2216 Church Street, Battersea. Come and meet your lake neighbours, learn what is happening around the lake and how your Lake Association is working to promote a healthy lake environment.

Doors open at 4:00, dinner at 5:00 and meeting at 6:30. Bring a supper item to share. The Association will provide cake and soft drinks.

We look forward to seeing you!

# Battersea Loughborough Lake Association Newsletter

## 2017 Year End Financial Report (Bob Fugler, Treasurer)

\$97.41 - it's not much but (and this is a big but) it is the amount by which the revenues (\$3,594.58) from 2017 activities exceeded the costs (\$3,497.17) for 2017. Your Lake Association has turned a surplus (maybe it should be written as a surplus...) this year after the two previous years' losses.

We had several contributing factors helping us this year towards the improved financials:

- Membership revenues (\$1,829.48) continued to gain as our members are now paying the higher annual fee.
- We had great donations this year, equivalent to receiving 24 new memberships! Many thanks to our considerate and very generous donors.
- Our newsletter costs (\$463.80) decreased considerably this year by printing in black and white.
- Our AGM costs were particularly low this year (\$45.00) in part due to our speaker, Dr. Loughheed from the Queen's Biological Centre, who gave an excellent presentation and refused the honorarium that we would normally provide.
- We had reductions in our website costs (lowered to \$327.56) and insurance fees (now \$1,398.60), due to the efforts of the Board to reduce or hold costs.

Advertising revenues (\$1,220.00) were at an average level for the four previous years. The higher costs of advertising that resulted from the

change in membership cost a couple of years ago, has reduced the number of advertisers who chose to buy more than one advertising insertion each year.

Overall this is a big improvement from past years' performance however it is still not where we want to be with the Lake Association's financial situation. We would like to be in a position to have additional funds for such things as educational materials or workshops, or be able to fund studies that may help our lake. In order to do that, we need to put away a little money each year that would fund the "investments" we would make for the lake. This needs to come from further reductions in operating costs but also from a growth in our membership - please encourage your neighbours to join the BLLA!

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# Battersea Loughborough Lake Association Newsletter

**Membership Form**  
**Battersea Loughborough Lake Association**  
**5096 Ubdegrove Lane, R.R. 2, Perth Road, ON K0H 2L0**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Province/State: \_\_\_\_\_ Postal/Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

If you have a lake address different from your home address, please provide your lake address details.

Address: \_\_\_\_\_

Postal/Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

Please check if you would like to receive communications by email. Not only will this ensure that we can deliver Association news in a timely manner, but it will also reduce our environmental footprint.

New and renewal memberships are now limited to an annual term. The cost of the membership is \$20.

Cheques should be made in Canadian currency (if possible) and made payable to the Battersea Loughborough Lake Association. We will accept US dollar denominated cheques – the exchange rate differences offset the fee our bank charges to process US dollars.

Alternatively, if you use Canadian electronic banking you can forward your \$20 via e-Transfer. If you are familiar with this, you would tell your bank that you want to make a transfer to [treasurerblla63@gmail.com](mailto:treasurerblla63@gmail.com). The process will ask you to set up a question and answer - example "what does the B in BLLA stand for?" with the answer being fairly easy for me to guess (or you will be getting a separate email from me asking you what answer I should use!). The advantage to this is that it is quick and it doesn't involve stamps, envelopes and mailing letters. My bank charges me \$1.00 if I want to send someone money this way or about the same cost as a stamp and an envelope.

Donations to BLLA are gratefully accepted. Contact Bob Fugler (see below) for how to proceed.

Please note that memberships are not transferrable.

For further information about the Association, please contact:  
President, **Barbara Canton**, at 613-353-2812, or by email to [presidentblla63@gmail.com](mailto:presidentblla63@gmail.com).  
Treasurer, **Bob Fugler**, at 613-353-7797, or by email to [treasurerblla63@gmail.com](mailto:treasurerblla63@gmail.com).  
Membership, **Evonne Potts** by email to [membersblla63@gmail.com](mailto:membersblla63@gmail.com)



**HOURS:**

**Monday to Saturday** 11:30 a.m. to 10:00 p.m.  
**Sunday** 11:30 a.m. to 8:00 p.m.

Closed Mondays & Tuesdays  
Labour Day to Victoria Day

