



# 2009 LOON CALL

**LOWER BEVERLEY LAKE ASSOCIATION**

**P.O. Box 204 , Delta ON Canada K0E1G0**

**[www.lbla.net](http://www.lbla.net)**

## Message from the President

As President of the Association, it is my pleasure to report on activities undertaken in the past year. This newsletter is an opportunity to keep you up to date on your Lake Association and to invite you to participate in upcoming events.

Our biggest accomplishment this year was the lake management study. With the help of student workers and many volunteers, we now have a better understanding of lake pollutants, shoreline development and all aspects of maintaining a healthy lake environment. A summary is included and you will have a chance at our AGM this summer to hear from the experts, ask questions, and plan future action.

My term nears its end, and I sincerely wish to thank all those who have helped me, and those who volunteer and serve the Lake Association in the task of preserving and enhancing Lower Beverley Lake!

Lily Faust

## LBLA Executive Committee

- Lily Faust, President
- Dave Champagne, Vice President
- Barb Kirkham, Secretary
- Betty Penstone, Treasurer
- Louise Mantha, Past President
- Earl Patric, Director at Large

We are also very grateful to our auditor Don Santos and to our many volunteers.

**A reminder that elections for the next Executive Committee will be held at this Year's AGM on July 9, 2009**

**Please consider joining the Executive team!**

## "Honour the Path" says our 'canoesuk'

We hope that you have seen the commemorative stone monument erected on a shoal near English Island this past summer (see photo below). The stone base resembles an Inuit inuksuk, topped by a carved stone canoe with an inscription that reads "Honour the Path".

The inscription "Honour the Path" is to remind residents and visitors about this lake's rich history as a centuries old paddle route used by our First Nations. Artefacts now housed in the Royal Ontario Museum attest to this fact. Also, the first white settlers navigated our waters as a commercial route to float iron ore down Lyndhurst Creek to the foundry, and to bring supplies to the villages on our lake.

With this inscription, we also invite you to honour the legacy of those who came before us in the Association and endeavoured to preserve our beautiful lake. The Association celebrated its 75th anniversary in 2007 and we should never forget how hard our predecessors strived to maintain the healthy lake that we enjoy today. It is now our responsibility to "Honour the Path" and to do everything we can to pass on a clean lake environment to our children's children.

Sincere thanks to Ed Van Voorhis and Ken Jeffries for their efforts in taking on this 'monumental' project - every pun intended!



## Ripple Through Time

Sales of our history book '[Ripples Through Time. Memories of Lower Beverley Lake](#)' continue to grow. Buy your copies through the 2009 membership form, at the Delta Stone Mill, or at Bob's Diner in Delta. A great keepsake for summer guests.

## Delta Agricultural Fair Parade



Prize-winning 2008 LBLA float

Hooray! Way to go!

For the third year in a row, the LBLA won first prize for its Float in the Delta Fair parade! The "World of Sports" float put together by Fred and Sharon Olivo was a stunning entry and we thank them profusely.

Do you want to prepare the 2009 float? Or the one for 2010? It's a fun thing to do. The theme for the 2009 parade is "Nursery Rhymes".

We need volunteers to come forward. Please contact Lily Faust, 613-928-2197, and get involved.

## LBLA Links up with..

The LBLA pursues its links with these organizations and represents your interests:

- Frontenac Arch Biosphere
- Federation of Ontario Cottagers Association (FOCA)
- Waterfront Ratepayers After Fair Taxes (WRAFT)
- Frontenac Arch Paddling Association
- Algonquin to Adirondacks Conservation Association

## 2009 Summer Events

- Thursday, July 9

LBLA 2009 **ANNUAL GENERAL MEETING**

6:30pm at the Delta Fair building, refreshments served

- Thursday, July 30

**Clean Up the Lake Day**

10am meet at Delta Creek boat ramp, pizza lunch provided

- Saturday August 15

LBLA **Golf Tournament**

1pm at Maples Golf Club, Prizes!

- Saturday August 15

LBLA **Annual Summer Picnic**

3pm at Maples Golf Club, 305 Coon's Road

**Hot dogs & juice supplied, bring a dish to share.**

If it rains, the picnic will move to the Elgin Community Hall on Main Street .



## Deltabration 2010

In 2010, the Delta Stone Mill will celebrate its' 200th anniversary! The gristmill built by William Jones used the most up to date automatic milling machinery and served the community for over 150 years. The mill closed its doors in 1963 and was taken over by the Delta Mill Society who restored it to its original grandeur as a National Historic Site.

To celebrate the bicentennial, a year-long series of festivities are in the planning and our lake association is part of the team. We need your ideas, your support and your participation. Please get involved, join the team, come out and have some fun!

# Lake Management Plan – Initial Summary of Findings

In order to develop a Lake Management plan, the Lower Beverley Lake Association has begun working with other organizations in our watershed to conduct a study that will include Water Quality Analysis, Species Inventory, Habitat and Shoreline Inventory, Stewardship Planning and Public Education. Last summer, you may have seen Ontario Ministry of Natural Resources (OMNR) officials and students boating around our lake taking samples and inspecting our shoreline. Our lake was chosen because it is close to the headwaters of the Gananoque River watershed, little is known about species at risk in the lake, and there are pressures on the lake such as a commercial fishery, agriculture and cottage development that may affect the aquatic environment. OMNR biologists were interested in supplementing data collected in 2003 and 2005.

The Gananoque River watershed lies within the Frontenac Arch Biosphere and the natural corridor linking the Algonquin to Adirondack habitats, arguably home to Canada's highest biodiversity. Species at risk are understudied in this river system and sound biology is vital for long term conservation of these species and their habitat. The initiative undertaken last summer on our lake under the auspices of the Algonquin to Adirondack Association and with 18 other partners is intended to provide a scientifically grounded stewardship plan for maintaining ecological integrity in the Frontenac Arch zone.

The intent of the work was to identify species at risk and their habitat in Lower Beverley Lake, and to develop stewardship strategies based on their distribution, abundance, critical habitat and pressures on habitat. This project represents Phase 1 of a multi-year plan which will include 17 of the 18 lakes in the watershed. (Charleston Lake is not included because a lake plan has already been completed by the Charleston Lake Association.)

## Species Inventory and Analysis

13, 483 specimens representing 22 species were collected. The dominant species making up 83% of the collection are:

- Large Mouth Bass (*Micropterus salmoides*),
- Blue Gill (*Pimephales notatus*),
- Pumpkinseed (*Lepomis gibbosus*) and
- Bluntnose Minnow (*Pimephales notatus*).

The **four species at risk** that were found are: (Numbers in parentheses represent the number of individuals netted during the 2008 field season)

- Grass Pickerel (*Esox americanus vermiculatus*),
- Pugnose Minnow (*Opsopoeodus emiliae*),
- Stink Pot turtle (*Sternotherus odoratus*) and
- Northern Map turtle (*Graptemys geographica*).

Analysis of frequency abundance data suggests that the fish population in Lower Beverley Lake is highly disturbed, undergoing a major change, was not completely sampled, or some combination of these possibilities. More work is required to determine the factors which may be affecting fish populations in our lake. Stewardship efforts to manage such factors are needed for long term sustainability of species at risk.

## Some potential Stewardship Strategies:

1. Education: Some residents of Lower Beverley Lake erroneously reported to the seining field crew that Bowfin (*Amia calva/Dogfish*) is an exotic invasive and must be destroyed when encountered. This is a native species to the lake and killing them other than for consumption is illegal. Education about this species is required, particularly if the lake ecosystem is under stress. Public tours to different aquatic habitats within the lake, with explanations about the species that live there and some of the challenges facing them could be part of future funding applications to continue the work started in 2008.
2. Identify volunteer residents of Lower Beverley Lake willing to act as good will ambassadors for the species at risk in the lake. Once educated about the project results, they could

meet with other lake residents in informal settings to discuss the species and their stewardship.

3. There are general stewardship practices which owners of shoreline property can implement. These activities include:

- inspecting septic systems, and repairing them if necessary;
- reducing the use of pesticides and commercial fertilizers;
- increasing native vegetative cover near shorelines;
- eliminating the use of detergents containing phosphates;
- avoiding the use of boat motors in fish nursery areas where there are sensitive aquatic plants; and
- reducing wave action at shorelines caused by motorboats.

Such practices would indirectly help our aquatic species by maintaining their habitat and the general health of the ecosystem.

The Lower Beverley Lake Association will continue to analyze the results of this study and with other partner organizations pursue efforts to ensure the cleanliness of our waters and the health of our ecology.

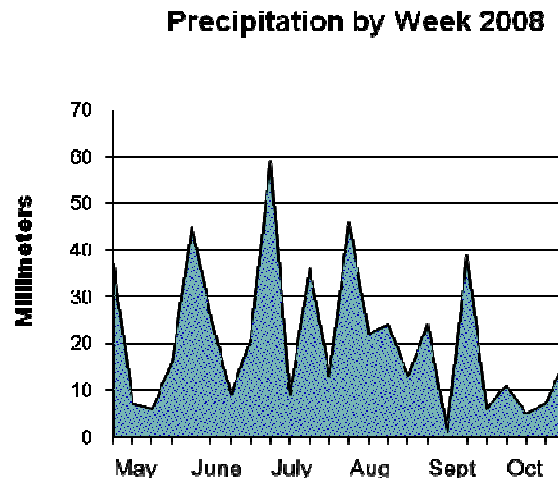
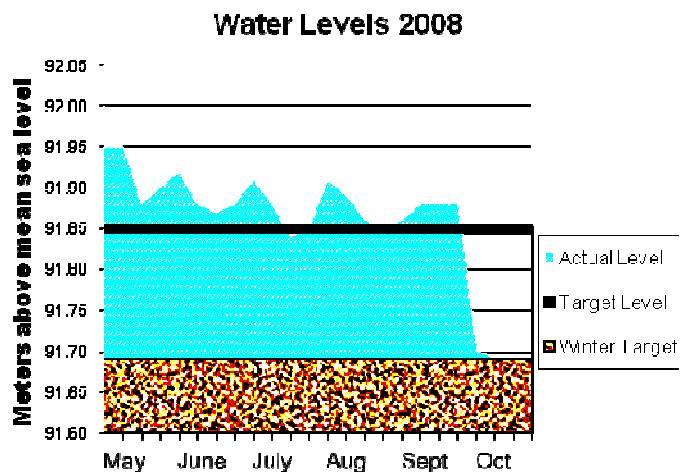
For a complete look at the study conducted last summer, and the opportunity to ask the experts questions, come to the AGM on July 9 and find out more!



Stinkpot turtle, a species at risk found in Lower Beverley Lake

## Lower Beverley Lake Water Levels

Below are charts on precipitation & water level fluctuations, collected by Earl Patric from April to October '08.



## 2008 Water Quality Report *by Don Santos*

### WATER CLARITY:

Approximately 20% of over 1200 lake locations sampled across Ontario in 2008 are classified as “enriched” (high in nutrients) with comparatively poor clarity (less than three metres). Clarity measures suffer from high rainfall and high or varying lake levels that result in high watershed runoff and flushing of nutrients into the water system. Earl Patric’s water level/rainfall data quantifies the extent to which LBL water levels vary widely during the season, cycling between abnormally high and relatively low levels. Seasonal average clarity measurements demonstrate an improving trend since 1998, and LBL has been at the threshold of “moderately enriched” (greater than 3 metres clarity) since 2002. With the exception of Oak Bay [Morton Creek inlet], results in 2008 were consistent with 2007, when we enjoyed the best water clarity ever recorded. LBL 2008 test site averages at Kendrick Bay and Black Jack Island were above 3 metres and in the “moderately enriched” category.

### PHOSPHORUS CONCENTRATION / ALGAL LEVEL:

Algal density in the lake reflects the level of nutrients present in the water. The clarity measurements above are indirect indicators of nutrient levels. Water samples are also chemically analyzed to determine the phosphorus nutrient level. LBL total phosphorus (TP) measurements also indicate we hover around the “enriched” threshold where blue/green algal blooms are expected to occur. Results in 2008 deteriorated modestly from 2007, remaining at the “enriched”/“moderately enriched” breakpoint. Kendrick Bay and Black Jack Island fell in the “moderately enriched” range with Oak Bay classified as “enriched”.

### ZEBRA MUSSELS:

Invading species also affect clarity, and in 2003 MOE highlighted LBL among lakes that exhibited improving clarity with recent Zebra Mussel infestation. We participated in the *Invading Species Watch 2003*, a volunteer-based monitoring program to detect the presence of aquatic nuisance species. As earlier sampling and cottagers’ experience indicated, the analysis confirmed Zebra Mussel activity in all areas sampled in LBL, but found no indication of Spiny Water Fleas that are spreading into inland waterways from the Great Lakes,

### OVERVIEW:

MOE has indicated that both clarity and total phosphorus measurements are generally improving in most Ontario locations. This is good news for lakes with elevated phosphorus levels/poorer clarity like LBL. However, MOE feels this is likely due to soil chemistry changes and rain fall trends, rather than changes in human activity in the watersheds.



## Pleasure Craft Operator Card - Mandatory

If you are under the age of 26, you currently need to possess a valid Pleasure Operator Card when operating a boat and by September 15, 2009, all boaters in Canadian waters are required to have completed the test associated with the card. Besides people born before April 1, 1983, operators of any powered watercraft under 4m(12') in length, all operators of personal watercraft such as sea-doo's and jet skis already require a card. Boat operators don't need to possess a drivers license. Operating a craft without the required Pleasure Craft Operator Card can result in a \$250. fine. The Pleasure Craft Operator card is good for life with no annual fees. Guidelines for foreign visitors are somewhat different from those for Canadians. Non-residents only need to obtain a Pleasure Craft Operator card if they are operating a powered boat in Canadian waters for more than 45 consecutive days and that includes rented boats, or if the boat they are operating is registered or licensed in Canada. Boater Education Cards or equivalent certifications are also recognized in Canada. According to Transport Canada over 150 boating fatalities occur each year along with an estimated 6,000 non-fatal accidents. The introduction of the card is intended as an important step to reduce these numbers.

## Septic Tank Reinspections

In concert with the Cataraqui River Conservation Authority, the Township of Rideau Lakes has announced its plan to re-inspect all septic tanks between 2008 and 2012. Since we are considered a Primary Lake within the Township guidelines, we can expect to see 25 re-inspections per year on Lower Beverley Lake. It is very important for our own health and that of our lake that proper septic tanks be in use on all our islands and shorelines. We know that you will act responsibly to ensure that your own sewage disposal system meets official building codes. Act now, and avoid any possible fines!

## Fishing Regulations for Zone 18 ( Lower Beverley Lake & Area)\*

### Most People Need One of The Following Licenses To Fish In Ontario

**Sport Fishing Licence:** For anglers who want full catch and possession fishing privileges.

**Conservation Fishing Licence:** A reduced catch and possession limit licence that is ideal for anglers who want to live-release the majority of fish caught.

**Please note the change in definition of Livewell** – A livewell is a compartment designed to keep fish alive. For a livewell to be used to selectively release bass, walleye and northern pike, it must be attached to or form part of a boat, hold a total volume of not less than 46 litres (10 gallons) of water, have the capacity for water exchange and be mechanically aerated at all times when live fish are being held in it.

**Open Seasons** – Fishing season opening and closing dates vary depending on the species and the area. **It is illegal to attempt to catch fish for which the season is closed, even if you are going to release them.** Fish accidentally caught during the closed season must be immediately released back to the water.

\* For more information visit the Ontario Government Website:

[http://www.mnr.gov.on.ca/MNR\\_E001337.pdf](http://www.mnr.gov.on.ca/MNR_E001337.pdf)

### Lower Beverley Lake Seasons and Limits

SPECIES	OPEN SEASONS	LIMITS
Walleye & Sauger or any combination	Jan. 1 to Mar. 1 & 2nd Sat. in May to Dec. 31	S - 4; not more than 1 greater than 46 cm (18.1 in.) C - 2; not more than 1 greater than 46 cm (18.1 in.)
Largemouth & Smallmouth Bass or any combination	4th Sat. in June to Nov. 30	S - 6 C - 2
Northern Pike	Jan. 1 to Mar. 31 & 2nd Sat. in May to Dec. 31	S - 6 C - 2
Muskellunge	1st Sat. in June to Dec. 15	S - 1; must be greater than 91 cm (36 in.) C - 0
Yellow Perch	Open all year	No limit
Crappie	Open all year	S - 30 C - 10
Sunfish	Open all year	No limit

# Thanks to Our Corporate Sponsors



*Garry & Susie  
Mensen  
And Family*

161 County Road 42,  
RR#1. Delta, Ont  
KOE 1G0

**Tel: 613 928-2555**

Glenn Snider Licenced & Insured

# SNIDER'S

## PLUMBING & PUMPS

### 613-928-1128

CALL ANYTIME

Delta Ont

### Reputation Built On Service

#### Lyndhurst Home Building Centre

397 Lyndhurst Road  
Lyndhurst, Ontario K0E 1N0  
Phone: (613) 928-2828 / 928-2834  
Toll Free: 1-888-296-1219  
Fax: (613) 928-2818  
VISA, Mastercard, American Express,  
Interac Accepted.



**Warner Tim-BR Mart is taking on a new look!** Come in and see our changes. We can now offer our customers greater access to a larger assortment of hardware and building materials. The new and exciting change will improve how we serve our customers. Customers can come in and pick up a catalogue, watch for flyers, and seasonal specials. As part of the change we now offer aeroplane miles. We are also offering Beautitone paint. New products are arriving daily. We have upgraded our computer system which allows our staff to browse thousands of catalogue items. Special order items are easy and the delivery will be prompt.

Stop by, have a coffee and we can chat about our new changes!

#### Lyndhurst Dental Centre

443 Lyndhurst Road  
Lyndhurst, Ontario K0E 1N0  
613-928-2326 or  
1-888-246-9444  
appts\_ldc@explornet.com  
www.lyndhurstdental.com



*Dr. C. Ashton McGregor*

Dr. McGregor recently attended the Winter conference of the American Academy of Craniofacial Pain [www.aacfp.org](http://www.aacfp.org) in New Orleans. The theme was "Snoring and Obstructive Sleep Apnea".

*Dr. McGregor and staff have the knowledge and technology to recognize the warning signs of sleep disordered breathing. Snoring is often a factor. Screening exams are the first step in identifying those patients who should be referred for a consultation at the sleep lab.*

Obstructive sleep apnea (OSA) is a life threatening condition. Snoring is no longer something to joke about, but rather like a smoke alarm alerting us to the problem.

Please contact the Lyndhurst Dental Centre  
for further information!



15 Church Street  
Elgin, ON K0G 1E0  
Phone: 613.359.6464  
[www.elginbowlinglanes.ca](http://www.elginbowlinglanes.ca)

Earn Cash Back Rewards  
On Every Purchase

**ELGIN BOWLING LANES  
GIFT & REWARDS CARD**

Member of "R Zone" Bowling Ontario

## ELGIN BOWLING LANES AND RESTAURANT

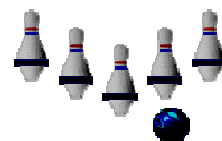
15 Church Street, Elgin, Ont K0G 1E0  
[www.elginbowlinglanes.ca](http://www.elginbowlinglanes.ca)

PIZZA - FRIES - BURGERS - LLBO

Gift & Rewards Card

New DART LEAGUES

Call for details: 613-359-6464



Bowling is a sport that everyone, young and old, can take part in, which makes bowling the #1 social recreation in Canada.