

August 2018 Newsletter



****McClintock Septic Lagoon Expansion Proposal Sat. Aug 25, 2018 11 am, Dorset Rec. Centre****

The township of Algonquin Highlands is investigating to determine the feasibility of a capacity expansion at the McClintock Septage Site for a long-term, on-site solution with respect to the management of septic wastewater generated in the Township of Algonquin Highlands.

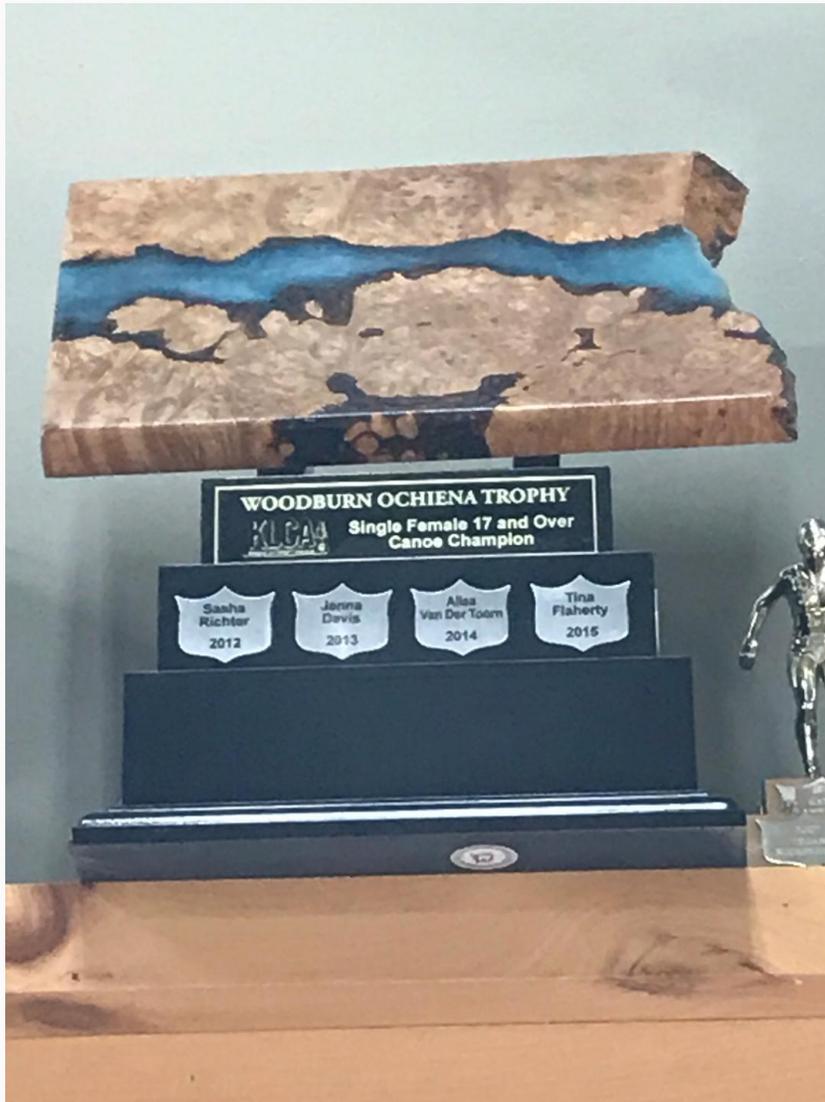
This site is located just East of Fletcher Bay. The KLCA will have some Directors at the meeting but we would strongly encourage members to attend as well to find out about the potential impacts this could have on Kawagama Lake.

To see the public notice and more details, please go to: <https://www.algonquinhighlands.ca/news-notices.php?id=800> .

Thank You!

The KLCA would like to extend a big thank you to all of the volunteers who worked hard to plan and carry out another excellent Regatta, attended by over 400 Kawagama and Bear Lake cottagers! A fun day was had by all and we also raised \$2500.00 which was donated to Moorelands Camp. Special thanks to Peter Evans, Director, for taking on leadership of this event. The Cup Winners and results will be posted shortly on the [KLCA website](#). Also, we have a new trophy this year, the Woodburn Ochiena Trophy for Single Female Canoe, 17+, donated by the Lukasik Family, which was backdated to all winners since 2012. All

trophies are on display at Old Mill Marina.



Water Quality and Management of Lake Trout Lakes

Please follow these links to read the interesting reports on Fisheries and Water Chemistry for Kawagama and Bear Lakes.

Kawagama

Lake: <https://static1.squarespace.com/static/5a731fbe914e6b798dad0a38/t/5b7574ca1ae6cf6aade03763/1534424332253/Kawagama+Lake+2001-2009.pdf>

Bear

Lake: <https://static1.squarespace.com/static/5a731fbe914e6b798dad0a38/t/5b757470cd8366db22e5f882/1534424234963/Bear+Lake+2001-2009.pdf>

Summary of Water Quality and Management of Lake Trout Lakes - Adam Pifko,
Director

The loss of summer lake trout habitat is linked to shoreline development and phosphorus loading. The primary link between water quality and shoreline development is nutrient input into the lake.

- Fertilizing nutrients such as phosphorus and nitrogen can lead to increased algae growth.
- As algae dies and sinks to the bottom of the lake, its decomposition consumes oxygen. Lake trout are a sensitive species that require clean, clear, deep-water lakes with high oxygen concentrations.
- Major contributors of phosphorus to lakes include:
 - Lawn fertilization
 - Disturbances of natural shoreline vegetations resulting in “ground hardening”
 - Septic system leaching beds

Lake Trout Habitat

Lake trout require a dissolved oxygen concentration of 7 mg/L. Measurements taken in 2015 in Kawagama and Bear Lakes showed dissolved oxygen concentrations of 7.77 to 9.74 mg/L.

Reduced oxygen levels lead to metabolic problems, affecting trout's ability to swim, feed, and avoid predators.

Call for Reflections 2019 articles and photos!

As summer starts to wind down and you remember all the fun you had, please think about what you might be willing to share with others in *Reflections*. Recipes? Encounters with wildlife? Hiking or boating adventures? Building or craft projects? Sunsets? Family or cottage milestones? Please send all contributions to reflections@klca.org. Even if it's just an idea, we'd be happy to work with you to polish it up.

Renting Your Cottage?

It's in your best interest to protect your investment and your lake.

Here are 3 simple suggestions:

1. Ensure that you do not have an overcapacity crowd in your cottage

Capacity = # of bedrooms X 2

For example: A 3 bedroom cottage should not have more than 6 overnight occupants. If you have more people than that = Raw sewage enters your tile bed and the water table = you run a serious risk of having to replace your tile bed, costing thousands of \$, and polluting your lake.

2. Post the C.H.A. Rental Posters in the kitchen, wash-room, laundry room and garbage areas

Help your guests who may not be used to lake life and septic systems with practical tips:



<http://www.cohpoa.org/resources/renting-your-cottage/>

3. Let your renters know that you are part of a lake community

Many people come to the lake for the peace and tranquility – ask them, kindly, that they respect this fact – particularly after dark.

Happy renters, Happy you and Happy lake!

Cottage Country Septic Systems: A Video

2018 – FOCA is pleased to release this video, with an overview about cottage country septic systems. Filmed on location in Autumn 2017 at a new build on Pencil Lake in the Kawarthas, the video shows the process involved in a septic

inspection by a Public Health Inspector, explains the working parts of a septic system, and provides tips for maintenance and problem solving.

This video is meant to be shared with everyone who uses a septic system in rural waterfront areas, to help them understand the important role they must play in protecting the water quality around them. Please share this information!

FOCA is the Federation of Ontario Cottagers' Associations, a not-for-profit membership organization representing 50,000 families who own waterfront property across Ontario.

<https://foca.on.ca/cottage-country-septic-systems-video/>



Invasive Species Information

The KLCA has posted invasive species information boxes and boat cleaning signs at both marinas and three of the public boat launches. If you transfer your boat, remember to clean it and keep invasive species out of our lakes! Click [here](#) to go to FOCA's (Federation of Ontario Cottagers Associations) website which has more information on invasive species in Ontario.

CLEAN + DRAIN + DRY YOUR BOAT

Help prevent the spread of invasive species, take a few simple steps to preserve Ontario's waters and fisheries:

- ✓ **CLEAN** any plants, mud, mussels or debris from your boat and equipment
- ✓ **DRAIN** all standing water from your bilge, motor, and live well
- ✓ **DRY** your boat for 2-7 days or disinfect it with hot or pressurized water

ZEBRA MUSSELS
2.0 cm

ROUND GOBY
6 - 10 cm

EURASIAN WATERMILFOIL

**DON'T LET THEM CATCH A RIDE
STOP AQUATIC HITCHHIKERS**

TO REPORT INVASIVE SPECIES:
1-800-563-7711
www.EDDMapS.org/Ontario

ENHANCING HABITAT WHY? The benefits include:

Wildlife on the shoreline - A natural shoreline provides wildlife with food, shelter, protection, and nesting areas - on land or in water. Ninety percent of life in the lake lives in or passes through the shallow water below the shoreline. Shoreline alteration is the largest threat to habitat around lakes. Sand from beaches migrates

and can cover spawning grounds. Retaining walls remove habitat. (See FOCA's Natural Shorelines fact sheet.)

Lakes full of fish - Fish have specific needs for their everyday habitat and spawning grounds. Water temperature, oxygen levels, protection, etc. play a role in each species ideal habitat, and ultimately their survival. Protecting and enhancing spawning areas and sheltering spots near shorelines supports fish populations.

Wildlife watching - Enhancing habitat will make your waterfront property wildlife-friendly. Grab binoculars and keep count of what visits and how often. Seventy per cent of land animals interact with shoreline environments at some point in their life-cycle.

Healthy shorelines - Healthy shoreline habitat, packed with native plants, shrubs, and trees, prevents erosion, assists in flood control, and filters pollution. Scattered debris along the water's edge, such as fallen logs, not only provides habitat but also helps protect against erosion and ice damage. Healthy habitats are better equipped to keep invasive species out.

Help threatened species - Many animals and plants are threatened or of special concern because they do not have the habitat they need to survive. Examples include the common loon, spotted turtle, and lakeside daisy. Enhancing habitat can provide crucial support to these species. Find out what wildlife are in danger in your locale and could use your help.

Wetland water control - Wetlands are among the most diverse ecosystems in the world. Wetlands act as sponges, filters, and water flow control. They soak up runoff, absorb pollutants, block sediment, and release the water at moderate speeds.

Wondering how to help? Follow this link for more information. <http://foca.on.ca/wp-content/uploads/2013/06/Enhancing-Habitat.pdf>

(excerpt from FOCA Fact Sheet, www.foca.on.ca)

KLCA Fireworks

We hope you enjoyed the Fireworks display on the August Long Week-end! If you were watching, please remember to click here to [donate](#) so the tradition can continue next year! As of today, we are still short. Thank You!



Merganser Daycare

This summer, many of us were happy to see Merganser Ducks on the lake again. Even more surprising, was the number of babies that many cottagers saw following her! Here is an article from the CBC about this unusual phenomenon. Although this article is about a Merganser on a lake in the US, we saw the same thing here on Kawagama!

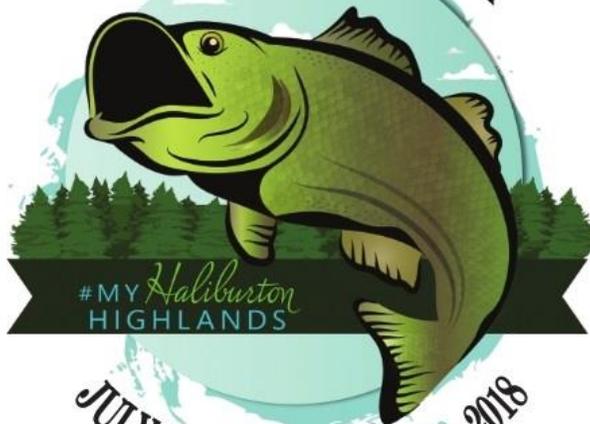
<https://www.cbc.ca/radio/asithappens/as-it-happens-wednesday-edition-1.4761081/mom-of-the-year-photographer-captures-images-of-mama-duck-with-76-babies-1.4761093>



Over
\$5,000
in cash & prizes available



THE BIG FISH DERBY



JULY 1 • SEPTEMBER 30, 2018

- The most unique Fishing Derby in North America
- Fish any of the 600+ lakes in the Haliburton Highlands
- Prizes for the “longest” fish in various categories
- Lots of random draw prizes

The Big Fish Derby is a catch, photograph and release event with a portion of event proceeds supporting HHOA Fish Hatchery programs.

For more information or to register visit www.bigfishderby.ca

