

Kennisis Lake Cottage Owners Association

Kennisis Breeze



" I am so glad that I live in a world
where there are Octobers"

*L.M. Montgomery, Anne of Green
Gables*

Message from President

Here we are already! The Fall of 2020! Almost all of our events this year were cancelled due to COVID 19 restrictions. The Rock Bass Fishing Derby, Art on the Dock and the Sailing Series were the only events that could prevail under strict protocols.

Despite the summer of non-events your board of directors remained busy making sure that the membership was kept informed on ongoing issues around connectivity, septic re-inspections, shoreline preservation and abandoned docks as well as we held our first ever virtual AGM in September.

Details on all of these items and many more can be found in this newsletter and in our slide deck from the AGM. Click the following link to see the entire AGM slide presentation.

<https://klcoa-docs.s3-us-west-2.amazonaws.com/KLCOA+2020+Virtual+AGM+Slide+Deck+12SEP2020.pdf>

I truly hope that next year looks very different! I'm keep my fingers crossed for the chance to welcome everyone back to our regular events including the Ladies of the Lake Luncheon and the Annual Regatta, swimming lessons and fireworks.

Have a safe, warm and healthy winter!

Deb Wratschko
KLCOA President

2020 Rock Bass Fishing Derby

We would like to thank everyone who entered in the 2020 Kennisis Lake Rock Bass Derby. We were so happy with the participation this year with 27 cottagers taking part in the event. A good time was had by all!

Congratulations to Wyatt and Caroline Beeson who caught 21.4 pounds of fish to win the 12 and under division, and Rachel Cornish and Mike Neely who caught 24.4 pounds of fish to win the 13 and over division. A total of 159 pounds of rock bass were caught during the derby.

Using social distancing protocols, families stayed together and kept a safe distant from others. At the weigh in, one at a time, participants left their fish for us to get and weigh. We took separate photos of the winners, as opposed to our usual group picture.

A big thank you to the Neelys' for organizing this event.



2020 RESULTS



6th Annual

ART ON THE DOCK

2020 Saturday, July 11th · 10am – 4pm
Sunday, July 12th · 10am – 3pm

We are so proud to announce that due to our sponsors, visitors and especially our artists, whose voluntary donations of a portion of their sales, we are able to donate **\$5,275.55** to the Haliburton Arts Council, for their Artists in the Schools & Community program.



the arts council
haliburton highlands

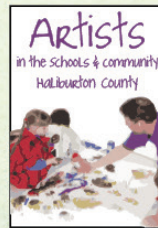


PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Janis Parker



PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Janis Parker



PHOTO CREDIT: Huw Morgan



PHOTO CREDIT: Huw Morgan

August 20, 2020

Kennisis Lake Cottage Owners' Association,
General Delivery,
West Guilford, ON
KOM 2S0



Re: Art on the Dock Donation

Dear Janis,

Thank you for your generous donation to the Artist in the School and Community program (AITSC). We appreciate the support from the Kennisis Lake Cottage Owners' Association, artists, volunteers, and guests that make this donation possible. We want to thank all involved in the Art on the Dock event for their efforts and dedication.

The Arts Council-Haliburton Highlands and the AITSC program is committed to support arts experiences in the schools, the Youth Hub, and the Alternative Education program. The current pandemic has required a change in the delivery of our program. With a Local Initiative Program grant from HCDC we are developing online workshops which will be available through the Arts Council website, social media channels and the Trillium Lake-lands District School Board Google classroom. We are grateful for your significant donation which will allow us to substantially increase the number of workshops we offer.

We look forward to a continued partnership and thank you again for your support.

Sincerely,

Charlene McConnell
AITSC Coordinator



FACT SHEET

NIGHT SKIES

Through the Docktalk program, FOCA encourages landowners to help stop light pollution in night skies.

WHY? The benefits include:

Dark skies full of stars

During a moonless night, you should be able to see 2,500 to 3,500 stars and the Milky Way. Star gazing can be an amazing family activity that invokes scientific curiosity, imagination, and discussions of our past, culture, and future. It's estimated that today, only one in ten children will see a sky full of stars. Because of light pollution, people in cities generally see less than 100 stars on a 'good' night.

Better nighttime visibility, less nuisance glare

Glare is the visual discomfort and hindrance from unshielded light that hits your eyes directly, so you see the bulb or light source instead of details in the lit up area. Glare can create shadows that mask danger. Lights that are shielded to prevent light from escaping sideways and up into the sky reduce glare, thereby improving visibility.

Increased safety on land and water

Studies indicate that crime levels are independent of lighting. Too much light and poorly designed lighting hinders visibility making areas less safe. Light pollution from unshielded, broad range lights near lakes is made worse by the reflection off water. Glare from land lights reduces boaters' ability to see navigational lights, e.g. buoys, and increases shadows as boaters approach docks and navigational hazards.

Energy and monetary savings

Fixtures that allow light to flow sideways and up are wasting that light energy—up to 30 per cent! And because many people think brighter means better, they use higher wattage bulbs than needed. It's estimated that the sky glow over the US represents more than a billion dollars of wasted energy.

Protection of wildlife and lake ecosystems

Light plays myriad roles in nature: changing light patterns can disrupt an ecosystem's balance. In water environments, daily cycles for organisms such as zooplankton are controlled by light, while others, such as fish, are attracted or repelled by it. Studies show that moths, fireflies, salamanders, frogs, song birds and other wildlife are affected when artificial nighttime lighting influences navigation, predator-prey relationships, foraging behaviour, reproduction, mating, and other biological and ecological characteristics.

Light pollution is created by artificial light at night and includes the glow surrounding cities from above (sky glow), glare, wandering light (or light trespass), excess lighting, and lighting that affects wildlife.

Find out how you can have a dark night sky...

Federation of Ontario Cottagers' Associations 201-159 King Street Peterborough, ON K9J 2R8
Phone: (705) 749-3622 Fax: (705) 749-6522 Email: info@foca.on.ca

www.foca.on.ca

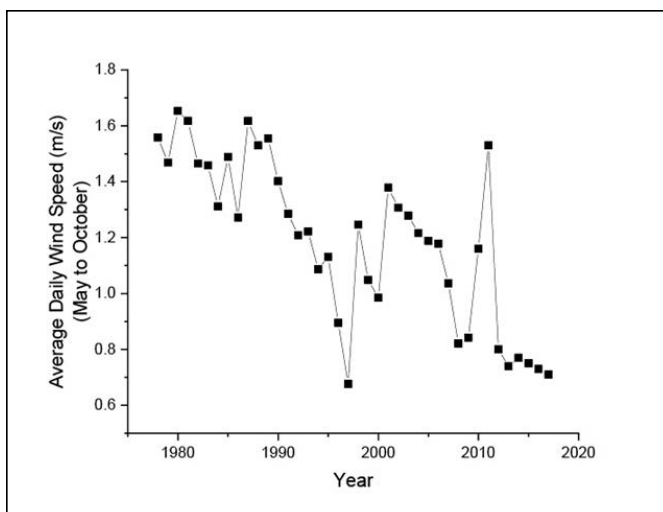
Have you noticed that wind speeds have changed over the years?



I thought it might interest readers to know that it is much less windy in the summer season now, compared to 4 decades ago. In data provided by Dr. Huaxia Yao from the Dorset Environmental Science Centre, wind speeds measured near Dorset now average about 0.75 m/s from May to October, only half what they were 40 years ago. This is good news for sun bathers and swimmers, but perhaps not so good for sailors.

Lake scientists are keenly interested in how falling wind speeds might change how our lakes work. It could mean different things for different lakes. The surface mixed layer of lakes might actually be warmer but not as deep given less wind-induced mixing. In these lakes, the deeper cool layers will be thicker, and retain their oxygen longer. More cool oxygenated water is good for trout. On the other hand in other lakes, warmer surface waters might delay fall overturn increasing the risk of losses of deep water oxygen. This would be bad for fish and would increase the risk of fall algal blooms. Indeed, both of these patterns have been documented in different lakes.

We have entered a time when climate change is affecting our lakes in new and sometimes surprising ways. We need to pay attention as we continue to journey through these less predictable times.



Yao H, et al, The interplay of local and regional factors in generating temporal changes in the ice phenology of Dickie Lake, south-central Ontario, Canada. In: *Inland Waters - Journal of International Society of Limnology*, 2013, pp 1-14.

Article by Dr Norman Yan PhD,

Article Provided by



A STRANGE SAILING SEASON LIKE ALL OF 2020!!!

There were many good windy days, just not Sunday afternoons. Despite COVID-19, we were able to enjoy time on the water and social distance naturally! The course started in Bullfrog Bay to Pine Point, Pine Point to Blueberry Islands, Blueberry Islands return to Bullfrog Bay.

Here are the results and some pictures from race.

Have a great fall and we'll be back at it again next year!

Cheers

Jim Prince

KLCOA Sailing

mob-416.528.1739

Kennisis Lake Sailing – Last Race of the Season, Labour Day Weekend 2020

The last Kennisis Lake Sailing Race for the 2020 Season was held on Sunday September 6. At the 2:00pm start, winds were light out of the west but slowly built to 6-10 knots and held steady for last leg. All sailors finished the race.

Thanks to all who attended!

First Overall

Jeff and Weston Dunmall – RS Aero

2nd and 3rd Place – Photo Finish!

Dan Jovicic and Alex – Hobie 18 Tiger

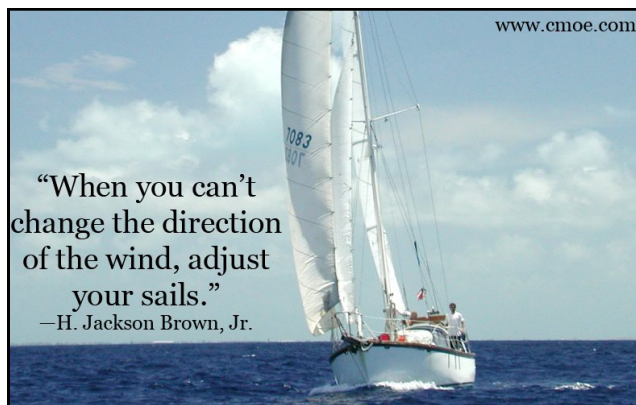
Jeff Case – Hobie 18

4th Place

John Sensicle (CL14)

5th Place

Monte Lin (Hobie Escape)



“When you can’t
change the direction
of the wind, adjust
your sails.”

—H. Jackson Brown, Jr.

REVIEW

Review of Long-Term Management Direction Bancroft-Minden Forest 2021-2031 Forest Management Plan

The Ontario Ministry of Natural Resources and Forestry (MNR), Bancroft-Minden Forest Company (BMFC) and the Bancroft-Minden Local Citizens' Committee (LCC) invite you to review and comment on the proposed long-term management direction for the 2021-2031 Forest Management Plan (FMP) for the Bancroft-Minden Forest.

The Planning Process

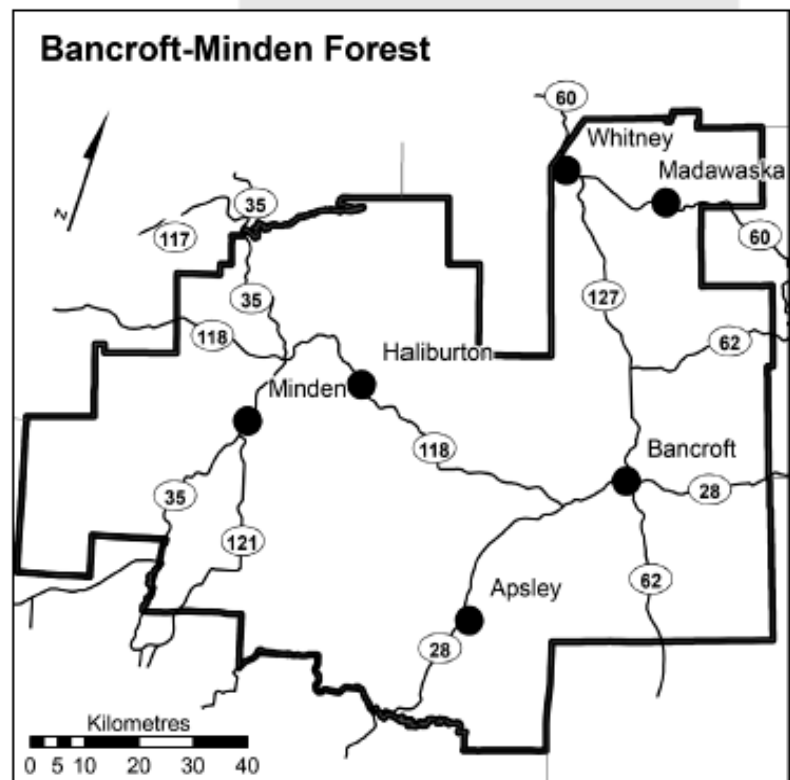
The FMP takes approximately three years to complete. During this time, five formal opportunities for public consultation and First Nation and Métis community involvement and consultation are provided. The first opportunity (Stage One) for this FMP occurred on October 15, 2018 when the public was invited to "Participate" in the development of the plan. This 'Stage Two' notice is:

- To invite you to review and comment on:
 - the proposed long-term management direction for the forest;
 - the areas which could reasonably be harvested, and the preferred areas for harvest operations, during the 10-year period of the plan.
- To request your contribution to background information to be used in planning.

How to Get Involved

To facilitate your review, a summary of the proposed long-term management direction for the forest can be obtained electronically on the Ontario government website www.ontario.ca/forestplans. A summary map(s) of the preferred and optional harvest areas for the 10-year period of the plan and alternative corridors for each new primary road which is required for the next 20 years will also be available electronically. In addition to the most current versions of the information and maps which were available at Stage One of public consultation, the following information and maps will be available electronically:

- Draft First Nation and Métis Background Information Report (only if the First Nation and Métis community(ies) agree);
- Summary of public comments and submissions received to date and any responses to those comments and submissions;
- A summary report of the results of the desired forest and benefits meeting;
- Maps that portray past and approved areas of harvest operations for the current forest management plan and the previous 10 years;
- Criteria used for the identification of areas that could reasonably be harvested during the 10-year period of the plan;
- The rationale for the preferred areas for harvest;
- Summary report of the activities of the local citizens' committee to date.



The above information can be made available electronically by contacting the Bancroft Minden Forest Company and/or MNRF, below, during normal office hours for a period of 30 days from **September 15, 2020 – October 15, 2020**.

Comments on the proposed long-term management direction for the Bancroft-Minden Forest must be received by Corinne Arthur of the planning team by **October 15, 2020**.

Remote meetings with representatives of the planning team and the LCC can be requested at any time during the planning process. Reasonable opportunities to remotely meet planning team members during non-business hours will be provided upon request. If you require more information or wish to discuss your interests and concerns with a planning team member, please contact one of the individuals listed below:

Corinne Arthur
Regional Planning Forester
MNRF
tel: 705-313-3274
e-mail: corinne.arthur@ontario.ca

Svetlana Zeran
Bancroft Minden Forest Company
tel: 613-332-6890
e-mail: svetlana@bmfci.ca

Jane Dumas
Bancroft-Minden Local Citizens'
Committee (LCC)
e-mail: mayor@southalgonquin.ca

During the planning process there is an opportunity to make a written request to seek resolution of issues with the MNRF District Manager or the Regional Director using a process described in the *2020 Forest Management Planning Manual (Part A, Section 2.4.1)*.

Stay Involved

There will be three more formal opportunities for you to be involved. These stages are listed and tentatively scheduled as follows:

Stage Three - Information Centre: Review of Proposed Operations	January 2021
Stage Four - Information Centre: Review of Draft Forest Management Plan	April 2021
Stage Five - Inspection of MNRF-Approved Forest Management Plan	August 2021

If you would like to be added to a mailing list to be notified of public involvement opportunities, please contact Jennifer Card, Resource Management Coordinator, at jennifer.card@ontario.ca.

The Ministry of Natural Resources and Forestry (MNRF) is collecting your personal information and comments under the authority provided by the Forest Management Planning Manual, 2020 approved by regulation under Section 68 of the *Crown Forest Sustainability Act, 1994*. Any personal information you provide (home and/or email address, name, telephone number, etc.) may be used and shared between MNRF and/or the sustainable forest licensee to contact you regarding comments submitted. Your comments will become part of the public consultation process and may be shared with the general public. Your personal information may also be used by the MNRF to send you further information related to this forest management planning exercise. If you have questions about the use of your personal information, please contact Shari MacDonald by e-mail: shari.macdonald@ontario.ca.

Kennisis Lake History Book



The Kennisis Lake History Book team has put out a call to all cottagers to contribute to the Kennisis Lake History Book. Too often, our own history and provenance gets lost in the everyday shuffle of our busy lives. It is important to document and preserve the long history of our lake for generations to come. Your cottage memories are an essential part of our research and documentation for this book.

The First Nations people that lived and traversed this area for thousands of years, the early settlers who chiselled out a livelihood, the lake developers and the brand-new cottager have all impacted the geographical and cultural history of the Lake and surrounding area.

Can you imagine crossing Big Kennisis on December 6 in 1848, in a blinding snowstorm on a raft? Surveyor Robert Bell did, and he remarked a “general unfavourableness from Kennisis to Muskoka, plagued with an abundance of rocks”. Or how about catching a 20-pound lake trout in 1930, like local Ross Sawyer did?

Perhaps your cottage sits on a lot that was once the generational camp/home of our lake namesake Joe Kennisis or an early hunt camp. Maybe you were part of the gang that tinny boated to Cabin island for a bonfire or went to the Backwoods Marina for a Saturday night dance and “Gloria’s Secret Batter” fish & chips.

I recently was handed a 1993 copy of The Kennisis Lake Reporter and the unnamed editor (if you are reading this , please contact me) wrote that “ my parents purchased two lots on Little Kennisis in 1970 and camped on the land for the first few years and my mother managed to look after myself and my sister from two tents, a cooler and a campfire”.

Cottager Terry O’Connor remembers “In 1954 when I was 14 my brother and I attended Camp Kagawong, located on the south shore of Balsam Lake, near Fenton Falls, for the months of July and August. In August I was part of a two-week canoe trip of seven campers and three councillors. We paddled north through the Kawartha Lakes system, camping on shorelines and islands as we went. We reached Kennisis early on our last day of the trip and paddled from the river to the logging company beach where we had a lunch of peanut butter and jam sandwiches on brown bread. (I have no idea why I remember that lunch so well!) I also remember well the paddle across the lake. It was stunningly beautiful - the bright morning sun on the water and the trees along the shores, not a single cottage in sight.”

Cottager Susan Marlow has memories of a few years of “unusual ghost like activity “in her cottage. The fireplace log tongs were consistently thrown off their handle and onto their cottage floor, to the point where this became a cottage game.

Did you know that Arthur Hailey, author of Airport and Hotel was a cottager, that John Candy filmed **Hostage for a Day** at a local cottage and Pierre Berton wrote an article about his “fun weekend with the Haileys when they roasted a pig on the beach”?

Over the years, numerous artists have captured our lake's beauty through oils, watercolour and photography and lake living has been the inspirational source for many a souls' creative spirit.

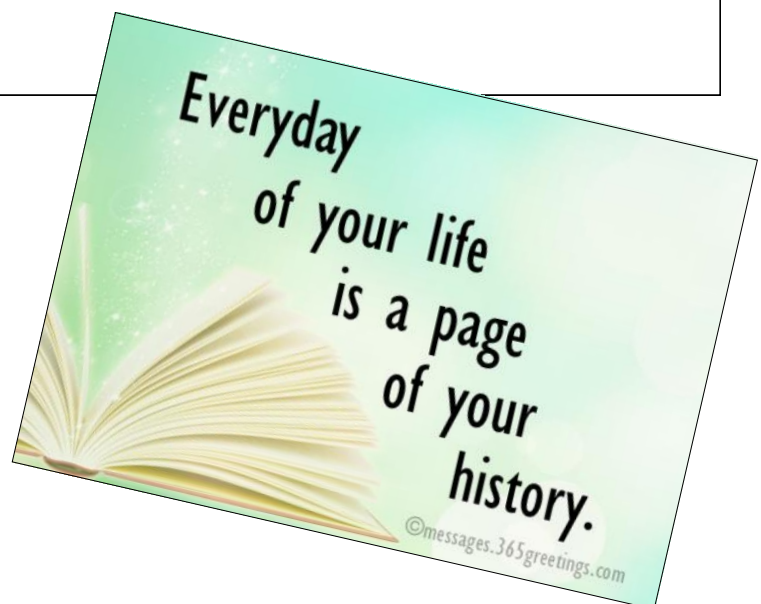
Every cottager who attended and participated in the yearly regatta will laugh at the memories of log rolling competitions and backwards canoe racing. Our lake is a wonderful and welcoming community with much to share and it is my hope that our Kennisis Lake History Book, once completed, will grace your coffee table for years to come. Perhaps the book will reveal long asked questions about the Shoe Tree on Watts or how did Dead Horse Bay get its name or the whether or not there is fish in Kennisis or whose "party line" had the worst ring.

Please contribute to your history to this book, whether it be, your earliest or favourite cottage memory, a favourite campfire song, the best photo of your dog enjoying the lake, your daily snowmobile ride to the "bus stop" to go to school, your collection of Regatta trophies that you treasure, or how did that "big anchor" get here, the day the tornado ripped through your property or perhaps it is time to come clean about "that night when we took the tinny out".....

HISTORY BOOK IMPORTANT INFORMATION

- the timeline - project is approximately 2 years with a target for publishing in spring 2022
 - we welcome all aspects of history, memories and local lore
 - there is ample opportunity for community involvement
- if you would like to help the editorial team, we welcome editing help, research help, photography help – you want a great volunteer job- just ask!!

**PLEASE send all enquiries to Natalie Wood
woodmcf@rogers.com**



KENNISIS LAKE CALENDAR 2021

After the successful launch of last year's we are gearing up now!

THERE HAVE BEEN MORE AMAZING PHOTOS SHARED THIS YEAR...
PLEASE SEND US YOUR BEST PHOTOS FROM 2020!

~ Our intention is to select approx. 40 photos, that best represent our Lake Community ~

1 @ \$15.00 EACH
 2 @ \$12.50 EACH
 3+ \$10.00 EACH

+ POSTAGE, OR PICK-UP IN HALIBURTON



SAMPLES OF 2020 CALENDAR



- ▶ All Photos for consideration are to be submitted by: **October 30TH**
- ▶ Final Calendar Draft & Ordering Instructions will be available online (KLCOA.org & KENNISIS LAKE is better than your lake! FB page) by: **November 15TH**
- ▶ All orders to be submitted by: **November 30TH**
(Earlier is better if you would like to receive your calendars by Christmas)



6" x 8" Tent Desktop Calendar, wire-bound with easel stand

HOW TO SEND YOUR PHOTOS FOR CONSIDERATION FOR THIS 2021 CALENDAR:

Please drop your BEST PHOTOS (MAX. 3) in the HIGHEST RESOLUTION available, and LABEL each photo with your name to:

<http://ftp.parkerpad.com:8000/login> USER: north PASS: gef8vig3

in the KLCOA 2021 Calendar Photos folder

or EMAIL: janis@parkerpad.com (best to send 1 photo at a time, please do not allow your email program to compress/shrink your photos)

For guidance with sending your photos in the BEST PRINTABLE FORMAT please contact us!

If interested in helping select photos for the 2021 calendar please contact Janis Parker: janis@parkerpad.com or 416-720-6415

Kennisis Lake Benthic Monitoring - Bugs in our Shoreline Muck Equals a Healthy Lake by J. Prince

The KLCOA is participating in a project that is part of a benthic macroinvertebrate biomonitoring program in Haliburton County.

The program is being coordinated by U-Links Community Based Research (<https://www.ulinks.ca/>) and Trent University.

Benthic Testing is an assessment of shoreline substrate or “muck” to look for the presence of benthic macroinvertebrates or “bugs” which is an additional indicator of lake health. A healthy Benthic Community in our lakes is an indicator of a healthy lake.

The goal of the program on Kennisis, is to establish a baseline for benthic data at several locations on our lake and then monitor the benthic community over a number of years.

The larger program across Haliburton County is intended to monitor and compare results across lakes and to assess and possibly address changes to the health of each lake.

U-Links staff and Trent University Students performed Benthos sampling around Kennisis in September 2019 and September 2020. The results will be available later in the year and will be posted on our website (klcoa.org)



Benthos Macroinvertebrates

Why Use Benthic Macroinvertebrates ?

The presence or absence of benthic macroinvertebrates provides us with valuable information about a stream's health over time. These organisms are used because they:

- have limited mobility
- are abundant and widespread
- are easily and inexpensively sampled
- are readily archived for future reference
- are relatively long lived (months to years)
- contain many species with different tolerances (respond to both water and sediment chemistry, integrate effects of many stressors)

Overall, the community structure of benthic macroinvertebrates within a stream is significant for determining the ecological health of aquatic ecosystems.

(from Conservation Ontario and Quinte



30 Metres - - - - - Why by Charlsey White, MCIP, RPP, Director of Planning

At the Sept 9, 2020 meeting, Committee of the Whole reviewed options for a Shoreline Preservation By-law including content, prohibitions, exemptions and regulations. Staff were provided direction and asked to draft a Shoreline Preservation By-law for public consultation purposes.

A County wide Shoreline Preservation By-law is proposed to regulate only the Shoreline Area, as defined as an area inland 30 metres, measured over a horizontal distance, from the high-water mark of a body of water. A Body of Water is defined as a lake, pond, river, stream or any other areas which is permanently covered by water or lands which may be subject to intermittent flooding.

Analysis:

The 30 metre “ribbon of life” distance is well supported in the scientific literature and represents a reasonable balance between shoreline development and water quality protection. The shoreline vegetative buffer serves numerous purposes such as mitigating the impacts of storm water and septic effluent through filtering, infiltration and attenuation; supporting native biodiversity by conserving habitat and maintaining wildlife corridors; and regulating temperature in the near-shore area. It also serves other land use related purposes such as maintaining the natural character of a lake’s shoreline, diffusing light pollution and reducing noise.

The scientific evidence is supported and referenced in many documents the County of Haliburton utilizes including the Natural

Heritage Reference Manual (NHRM) and the Lakeshore Capacity Assessment Handbook (LCAH). The Ministry of Natural Resources and Forestry (MNRF) recommends that generally 30 metres of natural vegetation be maintained or rehabilitated adjacent to fish habitat for its protection (Natural Heritage Reference Manual, 2nd Edition). The Ministry of the Environment, Conservation and Parks (MOECP) includes the following in their draft update 2020 to the LCAH:

“Numerous studies published in the scientific literature have demonstrated that vegetative buffer strips can reduce non-point source pollution to surface waters, ... Nutrient and sediment removal and temperature control can be achieved with narrower bands of vegetation to waterbodies, but wider buffers are required to provide effective wildlife habitats and movement corridors (ELI, 2003). Many studies show that vegetated buffers are able to attenuate nutrients and sediments along a wide gradient of buffer widths (Castelle et al., 1994; Norman, 2005; Abu-Zreig et al. 2003). While small buffers (2 to 15 metres) can remove some sediment and phosphorus, the literature overwhelmingly supports buffer widths of 30+ metres to provide effective mitigation and protect aquatic resources (Beacon 2012; Knutson et al. 1997).”

With respect to the 30 metre “ribbon of life” measured from the highwater mark of a waterbody, MOECP Eastern Region has recommended this setback distance for well over 25 years. It first came out in 1993 as a recommended setback to protect the shoreline buffer in a report of Lake Trout Lakes in Southeastern Ontario. Since then, the province has recommended that all Official Plans and their implementing zoning bylaws recognize the 30-metre zone as a

minimum setback for all structures (including sewage systems).

The Ontario Building Code (OBC) sets a province-wide uniform standard requiring that there be a minimum of 15 metres clearance between a Class 4 or 5 Sewage System and any lakes, pond, spring, river or stream (as well as other water sources such as wells or reservoirs). This requirement is intended to mitigate pathogens that are harmful to humans from entering water bodies. There are no requirements in the building code that apply specifically to phosphorus and the OBC does not address environmental protection of natural heritage or waterbodies.

Provincial policy and guidance documents will continue to recommend the 30-metre minimum setback and the protection of the shoreline buffer within that zone. The new draft policy 2020 will also provide direction on minimum lot size and shoreline frontage with the goal of minimizing shoreline lot disturbance. The MOECP has identified to the County of Haliburton staff that they are going further than current direction and considering supporting an approach used by several Conservation Authorities (Rideau Valley, Mississippi River, and Cataraqui Region) referred to as the Site Evaluation Guidelines. These were originally developed as part of the ‘Rideau Lakes Basin Carrying Capacities and Proposed Shoreland Development Policies’ (Michalski and Usher, 1992) and provided a simple tool to determine development setback based on site specific biophysical criteria (soil type, slope, vegetation). The minimum setback starts at 30 metres and may be increased depending on the total score of a proposed lot. This approach was recently peer reviewed by Hutchinson (2014) [document provided to staff] and found to be a valid tool based on current scientific

knowledge. Within this recommended site-specific setback, we would continue to support the minimum 30 metre buffer protection.

Dated Sept 23, 2020

This report was written and submitted to Haliburton County Council by Charlseey White MCIP, RPP, Director of Planning

The title and formatting were provided by the



KLCOA Loon Nesting Island

When the ice turns to open water, loons arrive on Kennisis to claim their territory in search of a nesting location. With the potential for significant lake level fluctuations in spring, loon nests near shore can be flooded and the eggs submerged resulting in loon egg mortality. A team of volunteers lead by Margaret Cox, designed and deployed a loon nest island funded by the KLCOA. In late 2019, the floating loon nest platform was positioned by KLCOA volunteers in a bay area off the big lake with low boat traffic and where natural nest locations were likely inadequate due to lake level fluctuations.

The platform is a floating raft covered with muck and natural vegetation including ramps for the loons to access the platform. Loon islands have been a success story for the loon populations on many lakes in Canada and the US. Often it takes time for the loons to adopt the platforms but reported success rates are quite good. Loons tend to return to the same breeding territory, so we are hopeful that when they return this spring the platform will be a familiar site and, therefore, more likely to be used by the birds.

The Kennisis “Loon Island” was repositioned in spring 2020 closer to the natural nesting area and we are hoping that some of our returning loons adopt the platform in coming years.

We will be monitoring the Loon Island and will provide updates each season.



Loon Island Team – Margaret Cox,
Natalie Wood, Jim Prince

Loon Island
Under
Construction



Loon Island Deployment – What a Drag!

Loon Island
repositioned
in Early 2020
Vegetation is
growing
nicely!



Loon Island
blends into the
surrounding
habitat.

Which technology is best to enhance connectivity?

Unfortunately, there is no “silver bullet” technology and no “one size fits all” solution. There are (at least) three broad technology pathways that all contribute to, could enhance – and may need to work together – to provide improved voice and data connectivity in the Haliburton area. (Co-ax service provided by cable tv companies is another popular technology in urban areas). All technologies require major investments to get to the level of performance now expected by users in Haliburton County, yet none are likely to attract sufficient private sector investment without government subsidy. Following is a layperson’s high-level overview (to the best of this writer’s understanding – I’d ask tech-savvy people to please not nitpick this non-technical writer):

Wireline – Most rural residential users have “old style” paired copper wire electrical service to their homes which can also be used to provide data connectivity. Unfortunately, connectivity by copper wire degrades considerably the further it gets from the point of presence or box and the more users on that line that are using it. At some point, copper links to fibre optic cable which provides much greater capacity. (We understand that fibre optic cable reaches Kennisis but has not been strung to serve the properties around the lake. A rough cost to do so is approximately \$30-45/metre.)

Fibre optic wireline is an enabler for many technologies - cell towers rely on fibre optic cable connection to “backhaul” information; 5G cell service connects “mini-cells” every 800 ft. or so for the highest data transmission rates to the fibre optics network; and satellites generally provide download but rely on wireline or cellular for upload. To the extent that line of sight users can use cell instead of wireline or download by satellite replaces wireline, this frees up capacity on the wireline that can be used by other users that the cell signal does not reach.

Wireless/Cell – Cellular connectivity primarily relies on line of sight. In areas like Kennisis, there are areas behind hills and rock outcrops that are difficult to reach because the signal is blocked.

Technology Service Providers (TSP’s) are enhancing cellular-based “Wireless Home Internet” offerings which use a modem/router based in the home, linking to a cell tower in line of sight, linking to a fibre optic backbone. Where this works (i.e. where there is significant signal propagation from the tower), if sufficient users uptake this technology, it can reduce the load on those that have to rely on the existing wireline. (It can reduce capacity constraints of too many people using that set of copper wires, but copper wire will inherently always have speed limitations.)

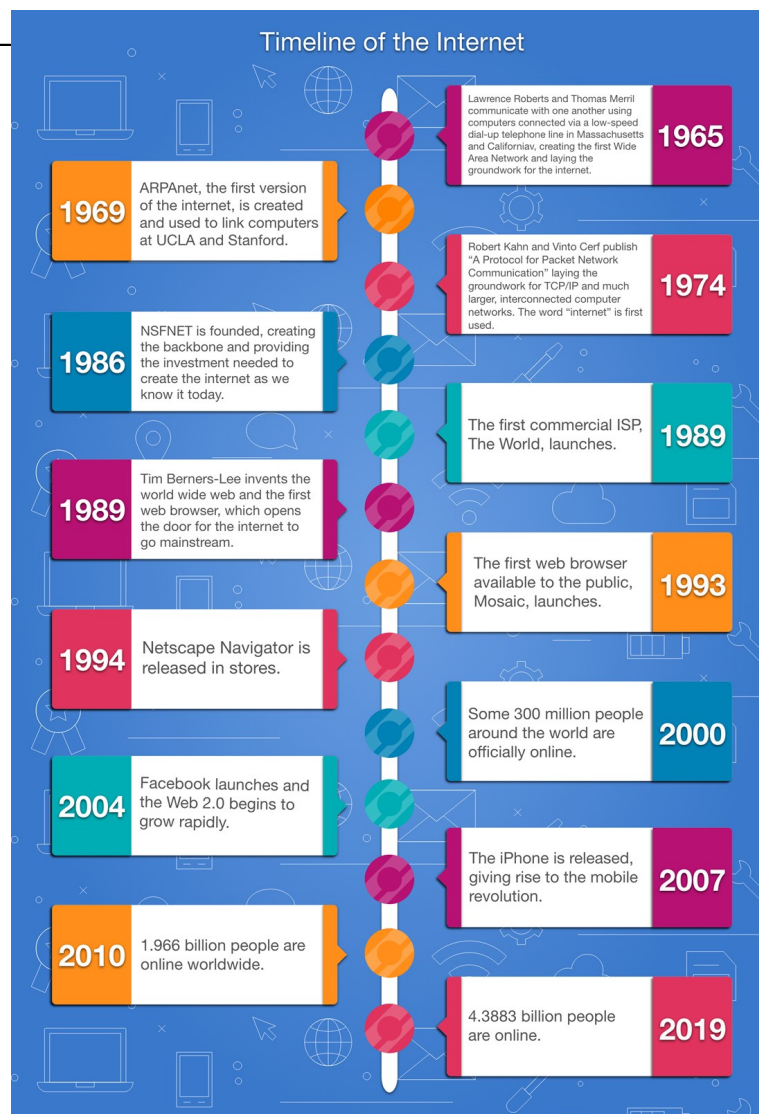
4G/LTE/5G – These are all industry standards relating primarily to speed of wireless data transmission. Even where telecom companies claim to offer 4G or LTE or 5G, they rarely meet this level of service on a consistent basis or everywhere.

LTE (Long Term Evolution) is essentially a marketing term to indicate that they’re “approaching” 4G.

5G uses a much higher frequency band which allows very high (speed & volume) transmission rates, (e.g. a full-length movie can be downloaded in seconds), but the range is very limited (less than 1000’ ft.) and it doesn’t penetrate buildings, forests, etc. very well. 5G is more easily provided in the city where companies can attach “mini-cells” every 800 feet or so to fibre optic cable.

Satellite – Satellite-based service can reach where it is almost impossible to get to via wireline or cell. This technology is continuing to develop – most recently SpaceX was reported to have applied to the CRTC for a license to service Canada. (We are not aware of which areas of the country). Currently, satellite service is more expensive and there is an inherent latency in the time required for the signal to move from land to space to land (which new entrants are endeavouring to reduce through lower orbit satellites). Satellite generally relies on wireline (or cell) for upload, so while it can be quick for download, it still needs either good wireline or cell service for effective two-way communication (such as videoconferencing).

Contractual Issues - In addition to the technical challenges, there are a number of contractual issues to be addressed. For example, most contracts with TSPs specify that they will provide service “Up To” a particular level. But in reality (and particularly in rural areas), this level is rarely reached if ever, and almost never on a consistent or sustained basis. Governments are beginning to recognize that this “overpromising” in customer service agreements needs to be addressed.



What is EORN & What Has It Accomplished to Date?

The Eastern Ontario Warden's Caucus created the Eastern Ontario Regional Network to improve rural connectivity, support economic growth and enhance quality of life. It involves all the higher tier rural governments in Eastern Ontario and their local municipalities, from Haliburton and Kawartha Lakes on the northwest to Stormont, Dundas and Glengarry near Cornwall in the southeast – 110 municipalities in total. It accesses federal and provincial government funding and fosters public/private partnerships to address the digital divide.



EORN has been at this for some time. In the 2010-14 timeframe, it led the way with the Eastern Ontario Broadband Network, a \$170 million initiative to expand through the region to enhance broadband service.

In 2016, it led the Municipal Fibre Initiative, a collaborative RFP to set up 100 Mbps service to 30 municipal facilities in Haliburton County, and wi-fi hotspots, working with Bell (the successful proponent). This included 70 kms of new fibre in Haliburton County. This initiative also facilitated businesses within a 2 km range of these facilities being able to access high-speed connectivity at a competitive rate. The complete list of free wi-fi hotspots in the County is available at https://www.haliburtoncares.ca/wp-content/uploads/2020/04/WiFi_County-Haliburton-County-1.pdf Key spots include Head Lake Park, A.J. Larue Arena and the library in Haliburton village, throughout downtown Minden and at the West Guilford Community Centre.

EORN, along with others made presentations to the Canadian Radio & Television Commission (CRTC) requesting the designation of mobile and fixed broadband access as a basic service for all Canadians and in advocating that the CRTC set 50/10 as the goal for service levels. (50 Mbps download/10Mbps upload).

To properly assess reach of coverage, EORN has had to develop its own maps. Regrettably, Industry Canada's 26 km hexagon grids consider a section covered if even one house or business or mobile location is served. Using MPAC data, EORN is ensuring a fairer assessment of coverage. In this regard, it considers a "house" or a "seasonal residence" equally and it is building in peak demand levels (for examples, weekends in cottage areas) in its assessments of whether an area is adequately covered.

Current Cell Project - EORN's current \$213 million initiative to improve cellular services to our region will be an important step forward. The federal and Ontario governments are each contributing \$71 million, municipalities are contributing \$10 million and private service providers are expected to provide the balance. The goals are to 1) achieve 99% voice call coverage where people live, work or travel in the region; 2) achieve 95% SD (standard definition) service coverage such as video app calling, basic app usage and SD video; 3) achieve 85% coverage with High Definition video coverage; and 4) Invest \$34 million in high density/usage areas for increased capacity network enhancements. Responses to the RFP are due this August, with investments beginning to be commissioned in 2021. This initiative will result in new cell towers being built, and the installation of additional fibre to support "backhaul".

Next Step – The GIG Project - The GIG Project is a proposal by the Eastern Ontario Regional Network and the Eastern Ontario Wardens' Caucus for a new fixed broadband project that will be capable of delivering speeds of 1 Gbps (gigabit per second) for up to 95% of the more than 500,000 homes (including seasonal dwellings) and businesses across the region.

The estimated cost of the project is \$1.2 – 1.6 Billion, with the federal and Ontario Governments being asked to provide \$200-300 million each; a loan of \$400-500 million from the Canada Infrastructure Bank; and \$400-500 million from Internet Service Providers. The most likely technology would be some form of wired solution (fibre or cable) to the home or business.

If the federal and provincial governments enable this project, it will serve the region's connectivity needs today and long into the future. Every sector of the economy and society will get a substantial benefit, including healthcare, education, business, government and private citizens. Without it, rural areas will continue to suffer.

Haliburton County Working Hard to Increase Connectivity

By Tayce Wakefield

More and more people are choosing to live permanently or spend more time at the lake. Governments are providing more services (often exclusively) on-line. People are requiring enhanced connectivity to work or study from home, to run businesses, to operate charities, to conduct e-commerce, to retrain, access telehealth services, and to access information and entertainment. This has put increasing pressure on our wireline, cellular and satellite-based services. And now, the COVID-19 pandemic crisis has exacerbated all the growing problems of inadequate reach, capacity, and speed, particularly in rural areas. Perhaps the biggest problem property owners on our lake are facing today is inadequate (and at times, non-existent) access to digital data. Of course, access to cellular voice communications also remains a challenge at many locations.

Globally, mobile data traffic is expected to increase by 700% in the five years from 2017 to 2022. This will require significant investment in infrastructure, but because capital costs are high but revenues are limited in rural areas, telecom companies are not making those investments, resulting in a failure of the market to provide what the Canadian Radio & Telecommunications Commission (CRTC) has identified as a “basic service” for all Canadians.

Haliburton County Council has recognized that this is a fundamental challenge for our area for a number of years, and Chief Administrative Officer Mike Rutter has become a key leader in advancing our interests in this area, including in his position as Co-Lead for the Eastern Ontario Regional Network (EORN). [See *What is EORN & What Has It Accomplished To Date?*] Mike generously shared some time with us to talk about what Haliburton County is doing to address this issue.

Mike says, “Improving broadband and connectivity is like bringing the railroad to Haliburton in the 1800’s. It is absolutely critical to our ability to live, compete, grow in the coming years.”

Current Initiative - EORN’s current \$213 million initiative to improve cellular services to our region will be an important step forward. The federal and Ontario governments are each contributing \$71 million, municipalities are contributing \$10 million and private service providers are expected to provide the balance. The goals are to 1) achieve 99% voice call coverage where people live, work or travel in the region; 2) achieve 95% SD (standard definition) service coverage such as video app calling, basic app usage and SD video; 3) achieve 85% coverage with High Definition video coverage; and 4) Invest \$34 million in high density/usage areas for increased capacity network enhancements. Responses to the RFP are due this August, with investments beginning to be commissioned in 2021. While this initiative covers all of Eastern Ontario (except large urban areas such as Ottawa), Rutter is optimistic that it will result in significant improvements in Haliburton County in particular. This initiative will result in new cell towers being built, and the installation of additional fibre.

Next Step – The GIG Project - While the COVID crisis has highlighted how much need there is for improved connectivity in the Haliburton area, it may also provide an opportunity to take a big leap forward, as governments are looking to stimulus initiatives to help drive the economy back to a stronger footing. There is a recognition among some key players at the federal and provincial level that a major (additional) investment in communications infrastructure at this point could position Haliburton very strongly for the next twenty-five years and give it a competitive advantage in its ability to attract investment, growth and jobs.

It is estimated that \$122 million is required to move Haliburton to the “One Gig” standard of service for 90% of the properties. (Permanent and seasonal residences count equally in this metric). It would cost \$1.2 to \$1.6 billion for the entire Eastern Ontario region.

The GIG Project is a proposal by the Eastern Ontario Regional Network and the Eastern Ontario Wardens’ Caucus for a new fixed broadband project that will be capable of delivering speeds of 1 Gbps (gigabit per second) for up to 95% of the more than 500,000 homes (including seasonal dwellings) and businesses across the region. The estimated cost of the project is \$1.2 – 1.6 Billion, with the federal and Ontario Governments being asked to provide \$200-300 million each; a loan of \$400-500 million from the Canada Infrastructure Bank; and \$400-500 million from Internet Service Providers. The most likely technology would be some form of wired solution (fibre or cable) to the home or business.

EORN has done the detailed engineering and research necessary and has proven it can deliver big projects quickly and efficiently – it has been entrusted to deliver nearly \$400 million in broadband and mobile projects already. It has experience working with the private sector and protecting public sector investments.

If the federal and provincial governments enable this project, it will serve the region’s connectivity needs today and long into the future. Every sector of the economy and society will get a substantial benefit, including healthcare, education, business, government and private citizens. Without it, rural areas will continue to suffer.

On June 26, Dysart Mayor Andrea Roberts, County Warden Liz Danielson and the Mayors of Minden Hills, Algonquin Highlands and Highlands East sent a letter to federal Rural Economic Development Minister Maryam Monsef asking for the federal governments to support the GIG Project for Haliburton. [See letter attached.]

In Prime Minister Trudeau’s Mandate Letter of December 2019 to Minister Monsef, he directs her to “Work with the Minister of Innovation, Science & Industry to increase high-speed broadband coverage in rural Canada by leading the rollout of existing investments, developing and implementing programming towards further improvements and ensuring that investments by the Government of Canada, provincial and territorial partners and the private sector are coordinated to best prepare rural Canada for success in the digital economy.”

There are indications that all three major political parties in Canada support investment connectivity for rural areas, so we are hopeful that support for this initiative can move forward quickly.

You Can Help – As property owners, we need to get behind this initiative to ensure that we get the connectivity that we need at the lake. Property owners are asked to write to Ministers Maryam Monsef (Rural Economic Development) and Navdeep Bains (Innovation, Science & Industry), their federal MP and their provincial MPP (in your home ridings) (with copies to Haliburton MP Jamie Schmale and MPP Laurie Scott if your principal residence is in another riding) to ask them to make this a priority for funding.

(If your principal residence is in another riding, you should also write to your home MP and MPP. Urban densities make it economic for Technology Service Providers (TSPs) to invest in the cities and suburbs but the market fails to meet the connectivity needs in rural areas. We need urban elected representatives to understand the need for government intervention in rural areas and to support these initiatives in caucus.)

A sample letter follows for your reference – feel free to customize it with whatever information you think is important for governments to know about this issue.

Key roles of government include ensuring adequate infrastructure for economic growth and participation in society; addressing market failures to provide basic services to Canadians; and stimulating economic growth, to help lead Canada out of the economic dimensions of the pandemic crisis. This project would address all three objectives.

This is an important – perhaps once in a generation – opportunity to ensure that federal stimulus and federal/provincial infrastructure spending gets allocated to where it is needed in Haliburton.

If we all engage to let our elected representatives know how important it is to us, it has a high probability of moving forward... It's up to us to let them know how important the GIG Project is to us!



Thank you, Tayce, for this well thought out and informative article.

Some Good Reasons Why We Should Continue or Start Walking

Regular walking can help improve your body's response to insulin, which can help **reduce belly fat**. According to Michele Staten, a walking coach Interval walking really cranks up your after burn—the calories you burn long after your official walk is over," Staten says. To add intervals, warm up for 3 minutes. Then spend 25 minutes alternating between 1 minute of walking almost as fast as you can go and 1 minute of brisk walking (aiming for a 6 on an intensity scale of 1 to 10). Cool down for 2 minutes. But make this a routine each day.

According to Prevention Magazine:

Walking can reduce your risk of chronic disease

It can even delay the onset of varicose veins

Your digestion will improve by walking more

Walking can help you feel more creative.

It can help alleviate joint pain

Walking more can boost your immunity

It can even help you live longer!

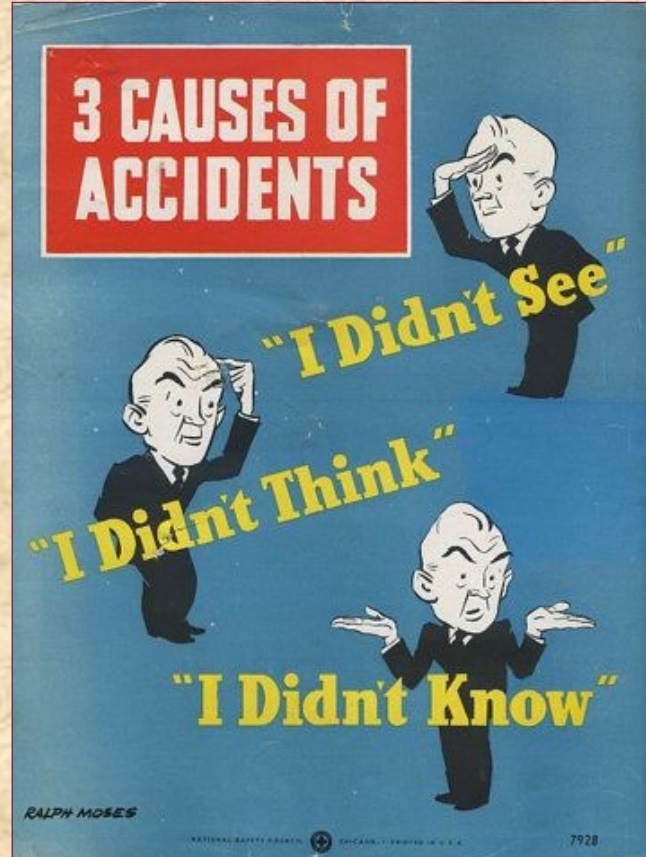
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Visit <https://myhaliburtonhighlands.com/hiking-trails> for more information or go to tourism@myhaliburtonhighlands.com to learn about the new hiking trails.



Whether you are a walker, cyclist, or driver, we all have a responsibility while on our roads. Know the rules you have to follow to keep everyone safe!



Fall/Winter Road Safety!

It is up to everyone (drivers, pedestrians and cyclists) to keep everyone safe on our roads.

For Pedestrians

- Make sure drivers see you before you cross. If the driver is stopped, make eye contact before you step into the road.
- Wear bright or light-coloured clothing or reflective strips, especially at dusk or when it's dark.
- Watch for traffic turning at intersections or turning into and leaving driveways.

Do you walk on the left or right side?

Walk on the left, so that cars aren't coming up behind you. That's why dogs 'heel' on your left side, it puts them further away from the cars. Bikes are supposed to be on the right, since they're obligated to follow all the same rules of the road as cars.

For Drivers

Pay special attention to pedestrians as you drive. Here are some tips to follow:

- Always look for pedestrians, especially when turning and going around corners and over hills.
- Watch for children, dogs, bikes and of course deer, bears, fox and turtles etc.. Stay within the maximum speed limit posted on signs along all roads. Always drive at a speed that will let you stop safely, whether roads are wet or dry. Slow down enjoy the beauty of the lake.
- Where there are no posted speed limit signs, do not drive faster than: 50 km/hour,

For Cyclists

As a cyclist, you must share the road with others (e.g., cars, buses, trucks, motorcycles, etc.). Under Ontario's Highway Traffic Act (HTA), a bicycle is a vehicle, just like a car or truck.

Cyclists must obey all traffic laws and have the same rights and responsibilities as drivers. Riding on the right you must stay as close to the right edge of the road whenever possible, especially if you're slower than other traffic.

One-Metre Passing Law

Q1: What is the penalty to drivers for not leaving a minimum of one-metre distance when passing a cyclist?

The penalty for not leaving a minimum one-metre passing distance is a set fine of \$85.00 plus a \$5 court fee plus a \$20 victim surcharge fine for a total payable of \$110.00.

Q2: Will cyclists also be required to leave a minimum one-metre distance when passing a vehicle?

Cyclists are not required to leave a specific one-metre space; however, they are required to obey all the rules of the road. Cyclists who are being overtaken should turn out to the right to allow the vehicle to pass.

Q3: What if there isn't enough room to allow for a one-metre passing distance? Can a vehicle cross the centre median line to pass the cyclist?

A motorist may, if done safely, and in compliance with the rules of the road, cross the centre line of a roadway in order to pass a cyclist. If this cannot be done, he or she must wait behind the cyclist until it is safe to pass.

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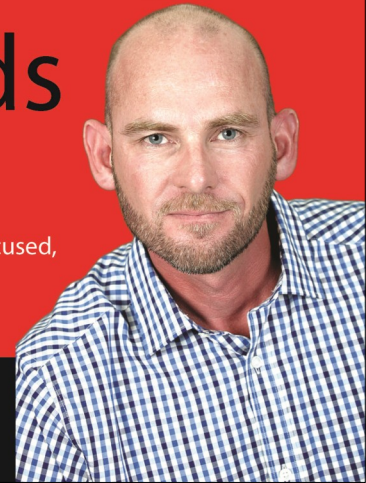
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Summer Art Program Update

It is with deep regret that we announce that, due to the COVID-19 pandemic, the 2020 Haliburton School of Art + Design summer program is cancelled.

This cancellation includes the weeklong courses and Saturday workshops, from May to November, listed in the summer calendar.

Visit HSAD.ca for information on alternative options and opportunities offered online this summer.



Art: *Down the Lake*, by Luke Despatie, HSAD faculty member

Update on Septic Re-inspection Program

On Tuesday Oct 27, the KLCOA presented a delegation to Dysart Council regarding the Septic Re-inspection program.

The main points of the presentation were:

1. There has not been an analysis and a formal report presented to Council and stakeholders for the results of Area 1 inspections included the 112 properties that did not complete by the deadline.
2. An RFP (request for proposal) is being prepared based on a proposed new septic re-inspection By-law that has not been presented even in a draft format. The KLCOA recommended that if the RFP had to go out before any approved by-law changes the RFP include the options for both a level 3 inspection and a level 4 inspection so that there was flexibility in awarding the contract in the future.
3. Dysart council is considering downgrading the current level 4 inspection in the By-law to a level 3 without concurrent pump-out. They have not been presented with all of the options and there has been no formal consultation with the experts.

You can view the presentation of the delegation (including the slide deck) at the Council meeting [here](#). Once you start the viewing you can slide the timer to 48:57.

Later in the council meeting, the RFP was discussed and approved with no changes. You can view the Dysart Council discussion and exchange by going to the same link above and sliding your timer to 4:20:21

This was a disappointing outcome for our community and for the protection of our most valuable asset, our water quality.



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Facts From FOCA

October 19, 2020 – Canada will be extending non-essential travel restrictions with the United States until November 21st, 2020. Our decisions will continue to be based on the best public health advice available to keep Canadians safe.

More info: <https://www.cbsa-asfc.gc.ca/services/covid/menu-eng.html> (From Twitter

[@billblair](#) Canadian Minister of Public Safety and Emergency Preparedness.)

<https://foca.on.ca/>

Facts From FOCA

September 17, 2020 – **OEB orders Hydro One to eliminate the Seasonal Rate Class** – The OEB ruled today that Hydro One will eliminate the Seasonal Rate Class, and shall move all customers into one of their other, density-based rate classes.

Next steps: Hydro One will be filing an updated report on the elimination of the seasonal class by October 15, 2020. FOCA still holds status as an official intervenor with the OEB, and will let you know if there is an opportunity for the public to weigh in.

<https://foca.on.ca>



EXPERIENCE MATTERS!

Septic inspections are a necessary part of the operation and maintenance of a septic tank. An optimal running septic system is undoubtedly the objective of every rural property owner. However given the fact that the system is completely subsurface, the ability to adequately access a septic system is virtually impossible for the home and cottage owner. Latent defects often can go unnoticed for months or even years, slowly contaminating the earth and water bodies' alike.

The Septic Re-Inspection Program can be your best defence to obtain a clear, concise and complete understanding of the health of your septic system. HomePro Inspections is pleased to announce that our septic tank inspections are compliant with the Dysart Septic Re-Inspection Program.

Group pricing available! - To book your septic inspection contact us at 1-800-832-0519 or 705-455-9055, alternatively email us at homeproco@gmail.com
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Facts From HYDRO ONE

"Since June 1, 2020, customers on Time-of-Use (TOU) paid a fixed electricity price of 12.8 ¢/kWh for all hours of the day (the COVID-19 Recovery Rate) which the Government of Ontario put in place as part of its relief response. As this fixed rate ends on **October 31, 2020**, customers on TOU pricing will have a choice to remain on TOU (in which case no action is required) or to switch to **Tiered pricing**. There's no deadline to make the switch."

Try the *Switch Calculator* to see if you'd be better off financially by making a switch to Tiered pricing. With the calculator provided on the website, enter the information from a current bill to see the monthly difference by making a switch from Time-of-Use (TOU) to Tiered pricing.

Visit : <https://www.hydroone.com> for more details!



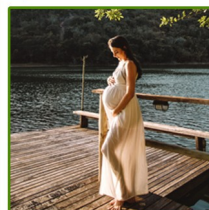
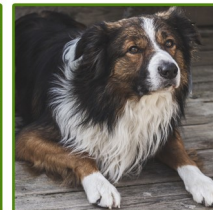
Facts From FOCA

In the event of an emergency, it is critical to be able to quickly and accurately relay the required information to emergency service providers. FOCA recommends that each waterfront home have a handy and visible list of emergency phone numbers posted somewhere prominent, near a telephone if possible.

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Facts From FOCA

Radon is a radioactive gas that comes from the ground and is found in every home, though not always at elevated levels. Since Canadian homes are sealed against the weather, radon levels inside our homes can build up to levels that Health Canada considers to be dangerous. Over time, exposure to elevated levels of radon can cause lung cancer. In fact, radon is the leading cause of lung cancer in non-smokers, causing over 3,200 Canadian deaths each year. .

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Facts From FOCA

Testing for **radon** is about protecting your family's health, so it's important to get it right!

- Choose a radon test kit that's been approved*.
- Choose a long-term radon test kit for 91 days or more.
- Once you receive your kit, be sure to follow the instructions carefully.

FOCA lists radon test kit providers on their website
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