



Mission Statement

The Eagle Moose Lake Property Owners Association (EMLPO) is a group of volunteer lake stewards that advocate for the health and preservation of our lakes. The association will communicate to and educate members related to the sustainable lake environment and enjoyment of Eagle, Moose, and Glen Lakes.

October 2020 Member Report

Dear Neighbour and EMLPO member,

We appreciate your membership and continued support of our mission to advocate for the health of our lakes. This summer marks the 4th anniversary of the formation of EMLPO, still one of the youngest lake associations in the Haliburton area compared to others such as Koshlong, Redstone and Haliburton Lake that are all 50+ years old.

Membership

By: Michelle Tatham, EMLPO Communications Coordinator

Our membership has remained relatively stable over the past two years, growing from 82 members in 2018 to 87 members today. Generally, members that were lost due to cottage sales were replaced with new members. With over 340 properties in the surrounding area, growing membership continues to be a priority.

Up to now, new membership has primarily been achieved through our annual in-person meetings with guest speakers. Signage in the area draws a crowd, and new members sign up on the spot. It's unfortunate that we cannot hold a meeting this year, either in-person or online. Although other lake associations used Zoom, we decided to defer until we are able to meet in person again, or internet speeds improve in the area. Whichever comes first!

Another channel we can use to drive new membership, which has not yet been considered, is our Facebook group. Activity on the site has been impressive over the last year, with about 110 new members joining the group since September 2019. The group currently has 200+ members. If anyone has any experience managing social media or how to leverage the platform to increase membership, please let us know. This would be great way to volunteer for EMLPO.

With government agencies such as MNRF coping with reduced resources, we need a vibrant and vocal lake association to advocate for our lakes and move the ball forward on activities ordinarily managed by those government agencies. It is in the interest of every property owner to be a member of EMLPO for a nominal fee; not just for advocacy, but for added property value. Just ask a real estate agent!



New members can easily sign up [electronically](#) through our website or download our PDF membership [form](#) and mail it to us together with your payment to:

Eagle Moose Lake Property Owners' Association
1048 Elk Drive, Eagle Lake, ON K0M 1M0

Treasurer's Report

By: Laurel McCauley, EMLPO Treasurer

2019 revenue from membership fees was \$2,755 and spending consisted primarily of printing costs for the Lake Health reports from the CHA and signage for the annual meeting last year. A cash surplus of \$1,901.46 carried over into 2020.

As of September 30th, 2020, although revenue from membership fees has been minimal so far, we expect revenue to come in later this year as membership fee invoices will be sent out in the coming weeks. Minimal spending in 2020 includes the purchase of two buoys and three signs at a cost of \$345.00. Our bank balance is currently \$4,970, which is a reserve.

If you wish to see a copy of our financial statements or if you have any questions, please contact me.

Annual Membership Renewals

By: Michelle Tatham, EMLPO Communications Coordinator

Membership renewal invoices for the 2020 season will be sent out next week. We accept payment by cheque or e-transfer to Laurel McCauley at laurelmc@sympatico.ca with the password **2020summer**.

As a reminder, our membership renewal fees were reduced in 2018 from \$40/year to \$30/year for individual/family members and from \$50/year to \$40/year for group/commercial members. For new members, the initial fee for the first two years of membership remains unchanged at a cost of \$75 for individual/family members and \$95 for group/commercial members.

Water-Quality Sampling & Beach Water Testing

By: Armin Weber, EMLPO Projects & Programs Coordinator

Water-quality sampling is currently done through a program called the [Lake Partner Program](#) (LPP). The program is coordinated by the Ontario Ministry of the Environment, Conservation and Parks (MECP), in partnership with [FOCA](#). Volunteers collect water samples to measure nutrient concentrations (total



phosphorus, calcium, and chloride) and submit water clarity observations using a Secchi disk. The sampling and monitoring data is collected and assessed through the Dorset lab near Huntsville.

This year, the LPP program was temporarily suspended due to Covid-19 and the shutdown of most government facilities. On top of this, one of our volunteer water samplers retired in May 2020. Although the LPP was reinstated on October 1st with restrictions, it's unlikely our lakes will be analyzed in 2020. That being said, the MECP has assured us this will not significantly impact their ability to track long-term trends from data collected over many years of sampling.

In the meantime, we will be actively looking for new volunteers and training programs for water sampling, in hopes of continuing with the LPP next spring in 2021. If you're interested, please let us know. This would be another great way volunteer for EMLPO.

Beach water testing at the Eagle Lake beach is regularly done by the Haliburton, Kawartha, Pine Ridge District Health Unit each summer from June to August to ensure it is safe for swimming. The Health Unit samples for bacteria such as E. Coli and provides weekly testing results [here](#). The beach is most likely to become contaminated from rain storms washing fecal material from animals/birds/geese into the lake, or prolonged hot weather which promotes the growth of bacteria in the water.

In spite of the very warm weather this past summer, the water quality at the Eagle Lake beach passed every test.

Camp Northland Property

By: Simon Wolle, Camp Director, Camp Northland-B'nai Brith

As the Camp Director of Camp Northland, I want to take this opportunity to reach out to our community and neighbours on the lake, tell you a bit about the camp and its mandate, and share some information with you. Thank you to the volunteers at EMLPO for enabling this open dialogue. We feel privileged to contribute to EMLPO and this newsletter.

About the camp

You may or may not know this, but Camp Northland is entirely owned by an independent not-for-profit children's charity (the Jewish Camp Council of Toronto). Our mandate is to keep the summer camp experience accessible to children and families in need of financial support, so each year we contribute approximately \$450,000 from operations to families in need of scholarships and funding support. The camp itself has a long history that goes back over 110 years, but the current site on Moose Lake has been its home for the longest period of time. Established on Moose Lake over 75 years ago in 1944, the site spans 750 acres across the north, east and west shores of Moose Lake with over 20,000 feet of shoreline. Back in 1944, Moose Lake was a mostly uninhabited lake when the land was purchased by visionary Jewish



community philanthropists during WWII to ensure Jewish children in the future would have a safe and accessible place to enjoy the beauty of nature.

Community involvement

We are always grateful for our neighbours and our community, and recognize the role we play within our community. We are large donors to the Haliburton and Minden food banks; we support local food producers, event planners and community initiatives; we are donors to the Haliburton Highlands Health Services; and we are preservers of nature and the majestic beauty of our lakes. Did you know Camp Northland underwent a systematic replacement of its major septic systems over the last 5 years, in collaboration with the Ministry of the Environment and by choice, to proactively protect our lands and the groundwater on Moose Lake?

Changes we see happening over time

As you can imagine, operating a camp that accommodates over 1300 children and youth each year requires extensive safety systems and protocols. In my dual role as Executive Director of the charity that owns Camp Northland, I also have a fiduciary obligation to ensure the property is managed in the best interests of the beneficiaries of the charity. I take this role to heart as it is my responsibility to ensure the property is maintained for future generations of children. This means risk management is a big part of my everyday responsibilities. Over the years, as the lake population has grown, we have had to implement safety systems and protocols to protect the property itself from unexpected visitors who choose to use the property for recreational purposes without permission; whether it be a bonfire on the beach, cliff jumping, or hiking the trails. I know that no-one has ill intent and people just want to enjoy the beauty of our lands, but I want to share some important considerations so you, my neighbours, know why we react and respond to these unexpected visits the way we do. First, please understand that our liability coverage is not guaranteed if strict rules (set out by the insurance carrier) are not adhered to by me and my staff on site year-round. Second, unexpected visits are becoming more frequent, coupled with aggressive behaviour and foul language in front of the children under my care. I am proud of the historic and mutually respectful symbiotic relationship we have had with our neighbours for decades. That relationship is important to me, and I want to see it flourish. I hope you can respect and acknowledge our situation and necessary protocols. I always welcome discussions with all of you and remain open to alternative suggestions when the situation allows for more creative considerations.

Looking forward to next summer

As this may be my last communication through EMLPO until next summer, I wish to ask for respect of our property and please refrain from entering or using it. This includes the snowmobile trail that used to run across our property and was recently closed by the HCSA as they were unable to obtain adequate insurance. In the meantime, we are in talks with EMLPO about the idea of hosting a community BBQ or open house of some kind at the camp next summer, with all neighbour's welcome. You are our 'Lake Family' and we sincerely look forward to welcoming everyone home for a scheduled visit and opportunity to connect! On behalf of my staff, we hope to meet all of you in person when Covid-19 is finally under control. In the meantime, stay positive and healthy.



If you have questions, or would like to reach out to me personally, I can be reached by email at simon@campnbb.com.

Shoreline Preservation By-law

By: Michelle Tatham, EMLPO Communications Coordinator

The County of Haliburton continues to move forward with plans to implement a Shoreline Preservation By-law. The intent of the by-law is to protect the vegetative area within 30 metres of the high-water mark on all water bodies (lakes, ponds, rivers, streams). This area, otherwise known as the “ribbon of life”, is well supported in scientific literature providing numerous benefits such as mitigating the impacts of stormwater runoff and septic effluent through filtering and regulating near-shore water temperatures. With the by-law, Haliburton is trying to protect this natural ribbon along shorelines, as the research recommends at least 75% natural shoreline with at least 50% of that being high quality/native vegetation to sustain a healthy lake ecosystem. At present, Haliburton has about 47% natural shorelines and that number has likely dropped as the County saw an increase in shoreline development this past summer in anticipation of the by-law. With water quality and natural habitat underpinning the economy of Haliburton, County Council appears committed to passing this by-law, but public consultation and communications are still required to ensure the intent is clear.

I found the County Council meetings really interesting and informative on this topic, which were recorded and are available to watch on YouTube. The first meeting was held on September 9th 2020, where the Committee of the Whole discussed the by-law content and public consultation and communications plan. Council met again on September 23rd 2020 to discuss the implementation process.

The September 9th 2020 meeting can be found [here](#). The by-law content starts around minute 0:47 and ends around 3:11, while the public consultation and communications portion goes from 3:11 to 3:30.

The September 23rd 2020 meeting can be found [here](#). The by-law content starts around minute 0:57 and ends around 1:20.

Haliburton County Council meetings as well as lower-tier Municipal Council meetings can be found [here](#).

Septic Re-inspection Program and Mandatory Pump-outs

By: Walt McKechnie, Municipality of Dysart Et Al, Councillor Ward 5

Dysart et al plans to revise its septic re-inspection by-law, but the process has been paused until 2021 due to Covid-19. Area #1 (Kennisis and Little Kennisis Lakes) was mostly completed from January 2017 to December 2019 under the previous program. Once the by-law is revised, all remaining Areas will be



completed under the new program. There are over 50 lakes in Dysart et al, which have been divided into 5 Areas. Eagle and Moose Lakes are in Area #3.

Although the program is on hold, the important message for property owners in our Area is to **be proactive!** You don't need to wait until Area #3 commences to get a septic inspection done. Several other properties in other Areas have already completed their re-inspections under the previous program, and as a result would be exempt from the new program. Property owners can complete the inspection up to 5 years earlier than the start date for their Area. Area #3 is currently scheduled to commence in 2023.

The vast majority of septic tank systems on our lakes are 30-40-50 years old, with a higher likelihood of requiring repair or replacement or having more bedrooms than the tank is rated for. I highly recommend for property owners to start scheduling inspections as soon as possible, before the rush. If you contact Dave Elstone in Eagle Lake, he can help coordinate with an approved inspector to complete the requirements under the previous program and provide a 3rd party inspection report. Dave Elstone can be reached at:

Haliburton Septic Pumping
2628 Eagle Lake Road, Eagle Lake, ON K0M 1M0
Phone: (705) 754-0407
Mobile: (705) 457-6895
www.haliburtonsepticpumping.ca

The Kennisis Lake Cottage Owners' Association (KLCOA) graciously produced and shared a video ([here](#)) about the Dysart et al septic re-inspection program, which is really informative about septic systems and why the program is important. However, note that this video was produced with the previous by-law in effect.

Under the program, septic tanks that fail inspection either due to system failure or because the size of the system is too small for bedrooms on site will require repair or replacement, depending on the issue found.

If you have any questions about this program, please feel free to contact me. I can be reached by email at wmckechnie@dysartet.al.ca, or call my cell number 705-854-0987.

Dysart et al Waste Management

By: Walt McKechnie, Municipality of Dysart Et Al, Councillor Ward 5

As landfills approach capacity and costs increase for recycling services, Dysart et al's environment and climate change committee continues to develop a waste management strategy. The Haliburton landfill is set to become a transfer station on January 1st, 2021. This means all garbage disposed at the site is trucked away – currently to Chatham, ON which is more than 500 km away. The West Guilford landfill is



scheduled to become a transfer station in 2022. Once that happens, there will be limitations on the type and volume of waste that can be dropped off at site, primarily construction and demolition waste (i.e. demolition of older cottages to renovate or construct new ones). This will cause a ripple effect for landfills in outlying areas with increasing costs to haul waste to further locations.

The committee is working to find solutions that are cost effective while minimizing environmental impact. For example, incineration would create emissions that contribute to climate change, but so does transportation of the material to far away places.

As always, if you have any questions please feel free to contact me. I can be reached by email at wmckechnie@dysartetal.ca, or call my cell number 705-854-0987.

Chinese Mystery Snails

By: Michelle Tatham, EMLPO Communications Coordinator

Chinese Mystery snails (CMS's) have been identified around Eagle and Moose Lake. They are considered invasive because they reproduce and spread quickly. It takes just one female to establish a population, and once established, they are difficult to eradicate. They can outcompete native snails for food and space and consume fish food.

The CHA's Science Advisor (Deb Balika) hosted a Zoom presentation on September 2nd 2020 to educate lake stewards about the snails, how to identify them and how to report them. The presentation was recorded and can be viewed [here](#) using passcode sd!=c8Z\$

The CHA is working closely with the MNRF and OFAH to discuss CMS management and options. In the meantime, the OFAH is asking for all sightings to be reported, to help build a database and understand the current range and distribution throughout Haliburton County.

If you see these snails, please take a picture similar to the one shown here (plain background with the snails positioned at various angles, and a ruler for scale) and count approximately how many snails you see in the identification area. Then contact me by email (mtatham@bell.net). I can file the report for you or I can walk you through how to sign up on EDDMaps/Ontario to file the report yourself.





Broadband Internet

By: Michelle Tatham, EMLPO Communications Coordinator

The County of Haliburton needs our assistance as they try to secure funding from the Ontario government through the ICON program (Improving Connectivity for Ontario) to improve broadband internet in the area. Specifically, they want to collect a significant number of speed tests at various times of the day by the end of October. Please go to <https://performance.cira.ca/> then confirm your location and start the speed test. If possible, go back to the site often and run the test at different times of the day. The County plans to analyze the data, then approach various ISPs to solicit their interest in partnering with them to apply for this funding assistance. I know that building internet infrastructure is a long, time consuming process and other viable options such as satellite internet may be available sooner, but building the infrastructure is still a good thing for the long term. Hopefully the County can secure the funding they need to get this done.

New Buoys and Signage

By: Armin Weber, EMLPO Projects & Programs Coordinator

Based on ideas and suggestions from our membership meeting last year, two new buoys were placed on opposite ends of the narrows between Eagle and Moose lake this past summer. The main purpose is to alert boaters to slow down prior to entering the waterway, for the safety of swimmers in the area as well as minimizing shoreline erosion. Not to mention consideration for the families with boats and docks in the narrows.

In addition, we installed three new speed advisory signs around the lake. One at the Eagle Lake boat launch and two at opposite ends of the narrows, to remind boaters that Transport Canada enforces a speed limit of 10km/hr within 30 meters of shore through the provincial police. If anyone observes any issues with the buoys or the new signs, let us know. We do plan to remove the buoys in the fall each year and re-install them each spring.

Sadly, we had to say goodbye to those two old weather-beaten signs in the narrows that have seen better days. (Thanks to Don Montgomery for sharing this photo!)

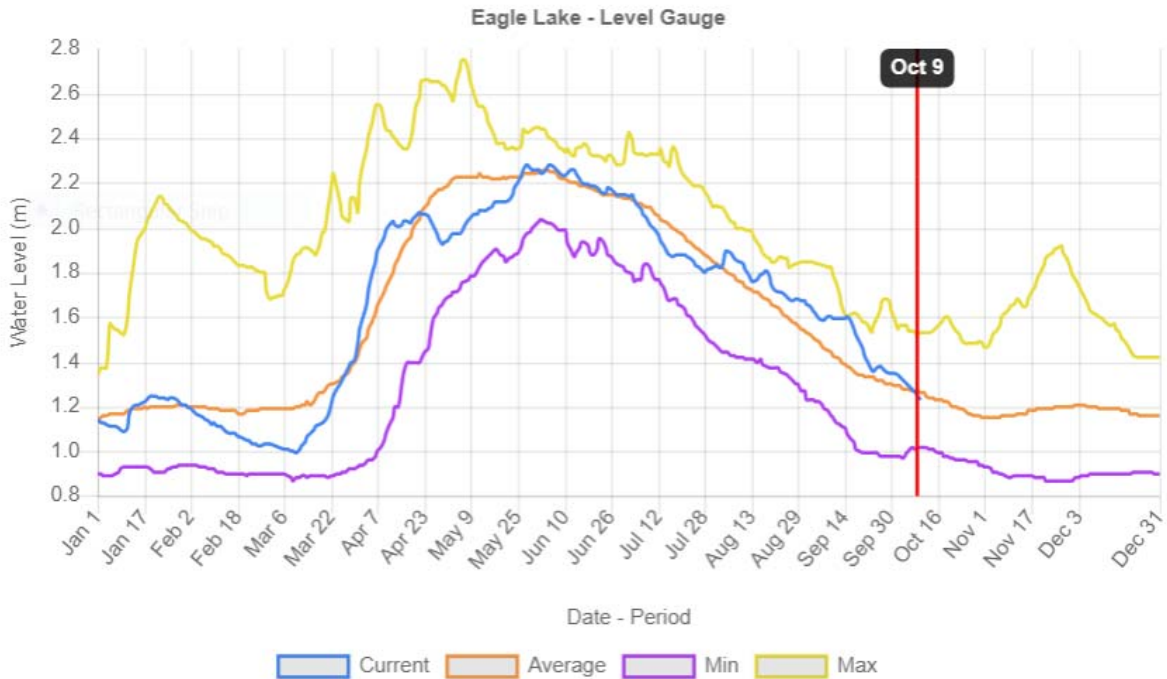
A number of people around the lake expressed an interest in keeping the old signs for nostalgia, so we saved them and have them in our possession at the moment. Any suggestions of what to do with them? We were thinking of auctioning them off next summer with the proceeds going to charity or to EMLPO. We welcome everyone's ideas.





Lake Water Levels

By: Tim Cogen, EMLPO CEWF and Water Levels Coordinator



Graph and Data courtesy of CEWF and TSW Water Management as at October 9, 2020

The graph has 4 different coloured lines with blue being the current year and orange representing the historical average. Yellow is the highest recorded level on record and purple is the lowest. The historical average spans the last 25 years. The water levels on the graph have been recorded at Eagle Lake dam on a daily basis at 6:00am.

2020 Events

Winter: Average Winter Set Level for Eagle/Moose is around 1.1 meters, which is where the level remained for most of this winter. The lowest recorded level occurred on March 10th at 0.997 meters.

Spring: The spring snowmelt occurred early this year. The Haliburton lakes were filled to just 90%. This allowed for any late April extreme rainfall and flooding which could have occurred. The normal snowpack for end of March is usually 16 cm, but this year it was just 5 cm. The spring was quite dry and the water level started to fall below average starting on April 21st at 2.07 meters. May and June continued to be dry. This resulted in the TSW slowing the Flow Rate on the Gull River to its minimum allowing lakes to reach higher levels closer to normal. Eagle/Moose reached its highest level at 2.27 meters on June 4th.



Summer: In early July, higher temperatures and drought conditions put a strain on the entire system. The water levels hovered near average at 2.2 meters for most of June but started dropping below average after July 4th. The first half of July saw only 6.1 mm of rain. During this time, a county wide Fire Ban was put into place. This ran from July 7th to July 17th. A continuous drawdown reached its conclusion on July 28th at 1.8 meters. From July 17-31 there was 90mm of rain. A log was placed back into the dam on July 25th. A whopping 131 mm of rain fell on the region in the first 5 days of August. The Eagle/Moose water level moved back above average on August 2 at 1.8 meters, and regular drawdown has continued through August and September but our levels have remained above normal throughout.

Fall: The fall drawdown to Winter Set Level has been steady but water levels have remained above average. The level was 1.66 meters at end of August and was down to 1.35 meters at end of September. Winter set will be reached around mid October.

CEWF 2020 Communications Meeting, September 12th, 2020

During the annual meeting (via Zoom), there were four different presentations.

1. The CEWF Work Plan Review mostly dealt with communications between CEWF and TSW. Updates were discussed regarding continued liaison between CEWF and lake associations, TSW capital projects, climate change framework development, and preferred water levels. This last item should be pursued by EMLPO. It was originally introduced to each lake association in 2016, but did not include EMLPO as we were not yet a member of CEWF at the time.
2. The Director of Ontario Waterways, Parks Canada discussed the Capital Construction Program for the Haliburton Reservoir lakes. Of interest to EMLPO might be the Twelve Mile Lake dam replacement. It is a major dam on the Gull River system and is the next dam downstream from the Eagle Lake dam. The Twelve Mile Lake dam is now substantially complete. The Percy Lake dam (2 dams upstream from Eagle/Moose) is currently being assessed for rehabilitation.
3. 2020 Water Management as viewed from the CEWF perspective, presented by the Chair of CEWF, touched on water management issues, problems and strategies used in 2020 for the whole Haliburton watershed.
4. Detailed 2020 Water Management Strategies and Experiences, presented by the Water Management Manager, Parks Canada. Discussed water management goals, competing interests, climate change, daily monitoring, using weather forecasts and creating daily and seasonal forecasts.

This is but a brief description of the presentations. For more information, visit the [CEWF](#) website.



Lake Health Reports

By: Michelle Tatham, EMLPO Communications Coordinator



If you did not receive your copy of the Lake Health Report, that was distributed last year, please email me (mtatham@bell.net) to let me know and we'll find a time/place for you to pick it up. We still have a few dozen copies available, but could use extras to distribute with new memberships.

The report includes data for 118 different lakes in the Haliburton region so readers will be able to see where their lake stands and compare with other lakes in the region, especially those that feed into our lakes.

Ask for Volunteers

By: Michelle Tatham, EMLPO Communications Coordinator

Please consider volunteering with EMLPO, as we remain eager for all the help we can get. Our Steering Committee added one new volunteer this year and now comprises of:

- Communications Coordinator – Michelle Tatham (me)
- Financial – Laurel McCauley
- Website – Wayne Lavery
- Projects and Programs – Armin Weber and Mary Jowett
- CEWF and Water Levels – Tim Cogen

Think of a skill or hobby, or just an area of interest that could lend itself to a role within EMLPO. Some ideas we're currently looking for are:

- Social media
- Membership
- Video production
- Water testing
- Legal
- Fishing & Hunting
- Invasive species

Our existing volunteers could also use a helping hand, so please don't hesitate to express an interest in volunteering even if your area of interest has already been filled.



Have something to say?

We want to hear from you about issues that affect lake health or our community. If we missed something in this report that you'd like us to address, or you have additional information you'd like to share, please [contact us](#). EMLPO is led by its membership, so we look to you for prioritizing our activities.

Please remember that EMLPO is not here to police by-laws or call out bad behaviour. However, this doesn't preclude us coming together to decide as a community how we want to handle certain issues. Most often, what is perceived as bad behaviour is simply just lack of education or understanding of cottage etiquette.

The following issues are certainly up for discussion and we can leverage from the experiences of other lake associations, as these issues are not unique to us:

- Abandoned docks
- Wake board boats
- Shoveling goose poop into the lake
- Fireworks
- Fires during fire bans
- Use of fertilizers

Take care, and thank you for your support.

Michelle Tatham, Communications Coordinator

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Mobile: 647-459-8364

Visit our website (<https://emlpo.ca>).