

## Malcolm Ardoch Lakes Landowners' Association Fall/Winter Newsletter (2021)



### **Prepared by Brenda Martin, Vice-President (Malcolm Lake)**

Due to the lack of an Annual General Meeting, the present Executive of four members, continued on well passed their term. It has been difficult to cover all aspects without a President. We are looking forward to nominations for positions in the new year.

On behalf of the executive, we would like to thank all the members who have taken an interest in reading the memos, reports and newsletters. To the volunteers, we appreciate your time and effort to keep our two lakes healthy. To members who have approached their neighbours to join our association, we thank you because once again the executive members were unable to do the door-to-door "welcome to the lake" or the dock welcome.

Special thanks to Cathy Potts who re-designed the website and has actively sought material to keep the site informative and appealing.

Our thanks to Secretary, Kathy Smith for the many, many memos to keep members informed during the Covid-19 dilemma. Also, thanks to Kathy who co-ordinated the septic tank pumping again this year. Hope you were one of those owners who took advantage of the voluntary septic inspection program. It is a worthwhile step to prevent major problems.

Our Treasurer, Allan Jamieson maintained an ongoing list of renewals for membership. Although we were unable to reach previous years' totals, 49 members renewed or began a membership with MALLA. This allowed us to pay our insurance, Federation of Ontario Cottagers' Association fees and complete some worthwhile projects.

Both Ruth Cooper and I have had busy months with Zoom meetings, invasive species projects and recruiting members. We have served on the North Frontenac Alliance Association in order to have our voices heard on topics of concern to our lakes.

## Tentative dates for MALLA events in 2022:

Winter Social	Feb. 19, 2022 Hosts: Don & Brenda Martin
AGM (Annual General Meeting)	June 12, 2022 Location TBA
Canada Day	July 1, 2022 BBQ Location TBA
Fishing Derby	July 16, 2022 Hosts: Don & Brenda Martin
Corn Roast	August 27, 2022 Hosts: Dave & Kathy Smith

### MALCOLM ARDOCH LAKES LANDOWNERS' ASSOCIATION CANADA DAY EVENT (2021)

For Canada Day 2021 MALLA did not celebrate with their annual boat flotilla. Using a suggestion from Glen and Lynn Fowler, the Executive organized an event to honour the First Nations missing and indigenous children. MALLA members were invited to bring native plants and small shoes to add to the perennial garden that had been created. On July 1<sup>st</sup> at 11 a.m. participants gathered at the Monamin (Wild Rice) monument in the hamlet of Ardoch. MALLA, Vice President, Brenda Martin welcomed and thanked the group. She spoke about the original peoples of this community and their close friendships with the Algonquins. *(Photo by Katie Ohlke)*



Through our local liaison, Mona Perry, the Ardoch Algonquin First Nations people were asked to participate. Several local people with native heritage assisted with the event as well. Members of the Ardoch Algonquin First Nations from Westport and Peterborough made a significant contribution to the event with their family stories, songs, and a provided the smudging ceremony during the plant and shoe dedication.



Grandchildren of the Zedo family of Malcolm Lake (Ziya, Max and Athena) were present. Ziya came prepared with a poster to honour the indigenous children and shared her thoughts with the gathering. It was a very meaningful and emotional aspect of the event. Community members are invited to check out the new garden in Ardoch village and to help maintain it by pulling weeds or watering plants.

The ending prayer asked that we do everything possible to love, to encourage, to nurture and at all times to look out for the safety and security of the children and young people who live among us.



COMMEMORATIVE GARDEN (September 25<sup>th</sup>) Photo courtesy of Brenda Martin



***Help to water and to weed please!***



## STEWARDSHIP ITEMS:

### EURASIAN WATER MILFOIL

After three long years of invested time and funding, in 2021, MALLA shared the findings with the Township of North Frontenac, The Ministry of Natural Resources & Forestry, Federation of Ontario Cottagers' Association, Invasive Species Control Council, Watersheds Canada, Mississippi Valley Conservation Authority and any groups that requested information.

Our research in the early stages of the pilot project, determined that the most effective, feasible and affordable strategy to use was an integrated multi-year management approach. Strategies included: education, plant monitoring and mapping with the drone technology, hand-harvesting where appropriate, burlap (jute) placement, partner with the team organized by Professor Jesse Vermaire (EWM specialist at Carleton University) and to investigate aquaponic production of milfoil weevils with Teacher, Wade Leonard. A detailed management Plan book was compiled.

Results of this field study will provide some of the first empirical evidence for the effectiveness of large-scale biodegradable barriers in controlling the highly invasive aquatic plant *M. spicatum*. Furthermore, this study also examined what impact, if any, these benthic barriers are having on other important components of aquatic habitat, including light and temperature, nutrient concentrations, algal biomass, zooplankton abundance, and benthic invertebrates. These data will help lake users and managers across much of Canada better develop management plans for this invasive species and where appropriate take management actions to ensure healthy and functional lake ecosystems. It is hopeful that levels of government will direct funds to support intervention strategies.

The results of our study have indicated the following:

- Hand-pulling of Eurasian Water Milfoil in shallow areas has positive results.
- Clearing EWM from beach areas before it roots has a positive effect.
- Educating the public was critical to our efforts.
- Benthic barriers (burlap) successfully prevented growth of EWM under the mat.
- The use of native weevils (in our segregated sample patch) reduced the EWM colony.
- Boat traffic is the greatest cause of spreading of EWM.
- Control of aquatic invasive species is an issue beyond the resources available at a Municipal level. Provincial and federal intervention would be required.



## ANOTHER INVASIVE SPECIES BECOMES THE FOCUS- PHRAGMITES



In 2021, Lakes Stewardship Committee for Malcolm and Ardoch Lakes initiated two summer projects aimed at protecting our lakes from invasive species. \$1000 of funding came from Federation of Ontario Cottagers' Association and the Invasive Species Program for Ontario Region for the "Green Shovels Collaborative". Matching MALLA dollars and/or in-kind funds were used to tackle the four predominant sites where phragmites is spreading.

Volunteers answered the recruitment call and worked hard to control the phragmites at four identified sites. Other smaller patches were found along Green Forest Way. Out thanks to Bob Beauchamp, and Lisa Beauchamp-Yates, and Mary Graham for addressing the phragmites they found.

### Removal of Phragmites from Land and Water's Edge







THANKS TO OUR VOLUNTEERS



Roy Burgess at Ridge Lane site



VOLUNTEERS FOR PHRAGMITES PROJECT (July 15,2021)



*Bob Beauchamp, Kathy Smith, Allan Jamieson, Glen Fowler, Brenda Martin, Brenda Hay, Ruth Cooper, Dave Smith, Geof Green, Photo taker- Pat Jamieson*

VOLUNTEERS FOR PHRAGMITES PROJECT (AUGUST 8, 2021)



*BACK- L to R- Barbara Lindegger, Brian Schonauer, Brenda Hay on the bags in the truck  
Middle- Allan Jamieson, Brenda Martin, Lisa Yates-Beauchamp, Geof Green, Rick Duford  
Front- Kathy Smith, Cathy Potts, John Cooper, Ruth Cooper Photo taker- Danielle Lindegger*

## ANOTHER INVASIVE SPECIES PROJECT FOR 2021- IsampleON

The second project is IsampleON (Invasive species awareness monitoring program and lake education, Ontario) which monitored and hopefully prevents other invasive species from invading our lakes. The program launched by FOCA and The Invasive Species Council (ISC) of Ontario, hope that testing for invasive mussels and spiny water fleas will help lakes to begin early intervention. The process required volunteers to sample three locations in Malcolm Lake on the same day. Also, three sites on Ardoch Lake to be sampled. Justin and Aven Whitton serve on our Lakes Stewardship Committee (LSC) and graciously volunteered to conduct this study. Training was supplied through an online video in early June; followed by a Question/ Answer webinar in June. Samples were mailed to ISC for analysis. Hopefully, our lakes do not have the nutrients needed to produce mussels or spiny water fleas.



Zebra mussels



Spiny water fleas



Spiny water fleas

Since the development of The Lake Plan in 2015, the Stewardship Committee has worked consistently to implement and monitor strategies to protect the two lakes. We have appreciated the membership's co-operation and support whenever we have reached out for volunteers, funding or to be stewards for your own lakeshore. Many property owners have participated in education sessions, prevention strategies, Weed Watchers, Loon Watchers, Walleye bed rehabilitation and shoreline rehabilitation programs. When we offered the Love-Your-Lake Program, not just MALLA members, but almost 100% of property owners participated. This is a testament to the owners who value their lake property and a desire to keep it protected for future generations.

The Stewardship Committee has taken a leadership role on your behalf. In turn, we hope that you have become a good steward through our education and implementation efforts. Hopefully, you can look forward to many years of enjoyment of your "little piece of heaven on the lake".



A NATURAL SHORELINE RESTORATION PROJECT FROM 2018 AND 2019





## SOCIAL TIME

### CORN ROAST AUGUST 28<sup>th</sup> (Photos courtesy of Pat Jamieson)



Thanks to our members, Dave and Kathy Smith for hosting this year's corn roast. Thirty members enjoyed gathering at the beautiful shore to enjoy delicious corn, a potluck dinner and social time. It has been many months since MALLA members could socialize in larger numbers. What a treat!

There was stimulating conversations, washer game challenges, and an evening campfire as well as a bountiful meal. Stewardship Chair, Brenda Martin provided a display of the summer projects and answered questions and invited input for the next steps toward protecting our lakes.



*Photo: Timothy (Grandson of Allan & Pat), Allan Jamieson (Treasurer), Brad Smith, Nathan Wooby, Kate McDonald standing behind*

The 50/50 Draw was well appreciated by winner Kate McDonald- taking home \$55.00.



WASHER CHALLENGES – a new game for some members. They will be building their own boards and start practising for next year’s event.



*Evan Whitton, Sylvia Whitton, Ron Reid, Justin Whitton*



*Don Martin – a very serious player*



*Roy Burgess and Pierre Rainville*



RELAXING AT THE SOCIAL



*Carlie Rainville and Sandy Burgess*



*Mary Gessner, Trevor and Cathy Owen*



*BUFFET MEALS ARE ALWAYS DELICIOUS*



*Brenda Martin, Kathy Smith, Kate McDonald, and Geof Green*



A beautiful sunset was enjoyed prior to the campfire gathering. The annual corn roast was an excellent way to end the 2021 social time.