



Welcome!

KLSA Spring Meeting

May 6, 2023

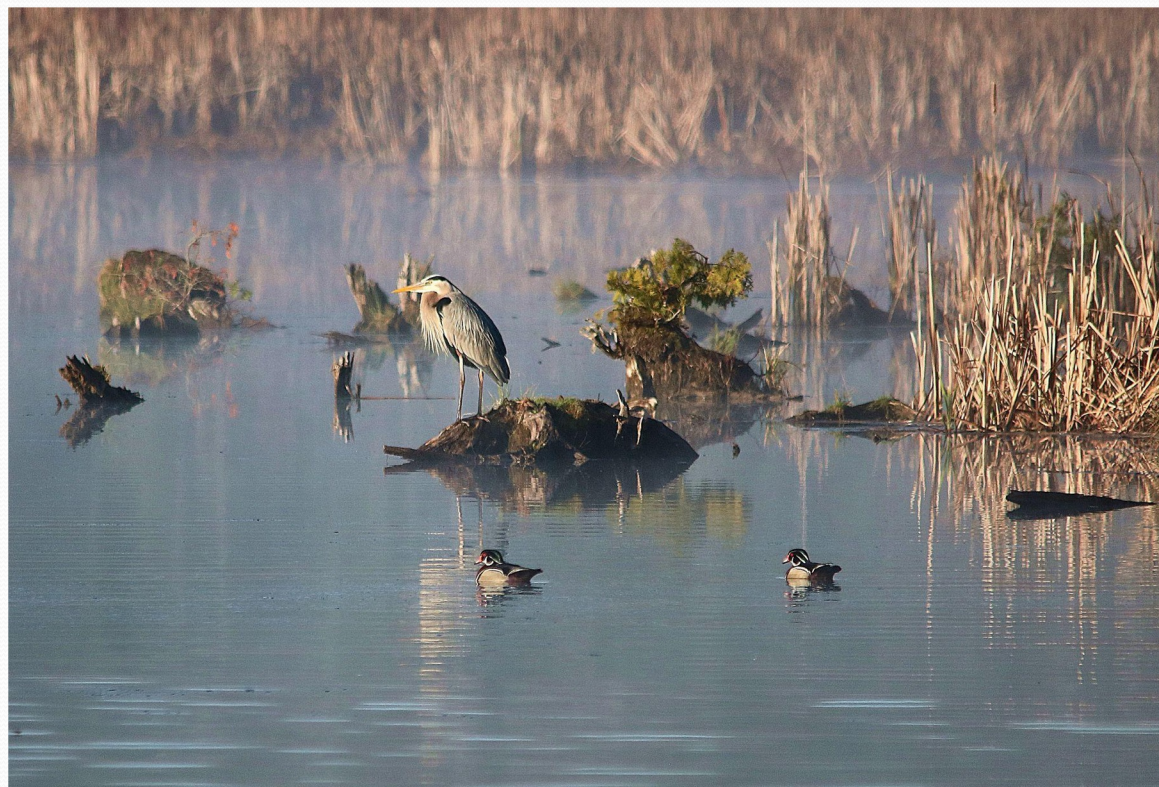


Photo by Nick Vanderzwet. Pigeon River, Omemee

Land Acknowledgement



We would like to acknowledge that the Greater Peterborough Area is in Michi Saagiig Nishinaabeg territory, in the context of the Rice Lake, Treaty 20 and Williams Treaties.

In keeping with KLSA's mission, we wish to emphasize the efforts of Indigenous peoples as water protectors.

There is much we can learn from Indigenous knowledge of the land and what is needed for a more sustainable and regenerative future.



Housekeeping



- This meeting will be recorded

Virtual Attendees:

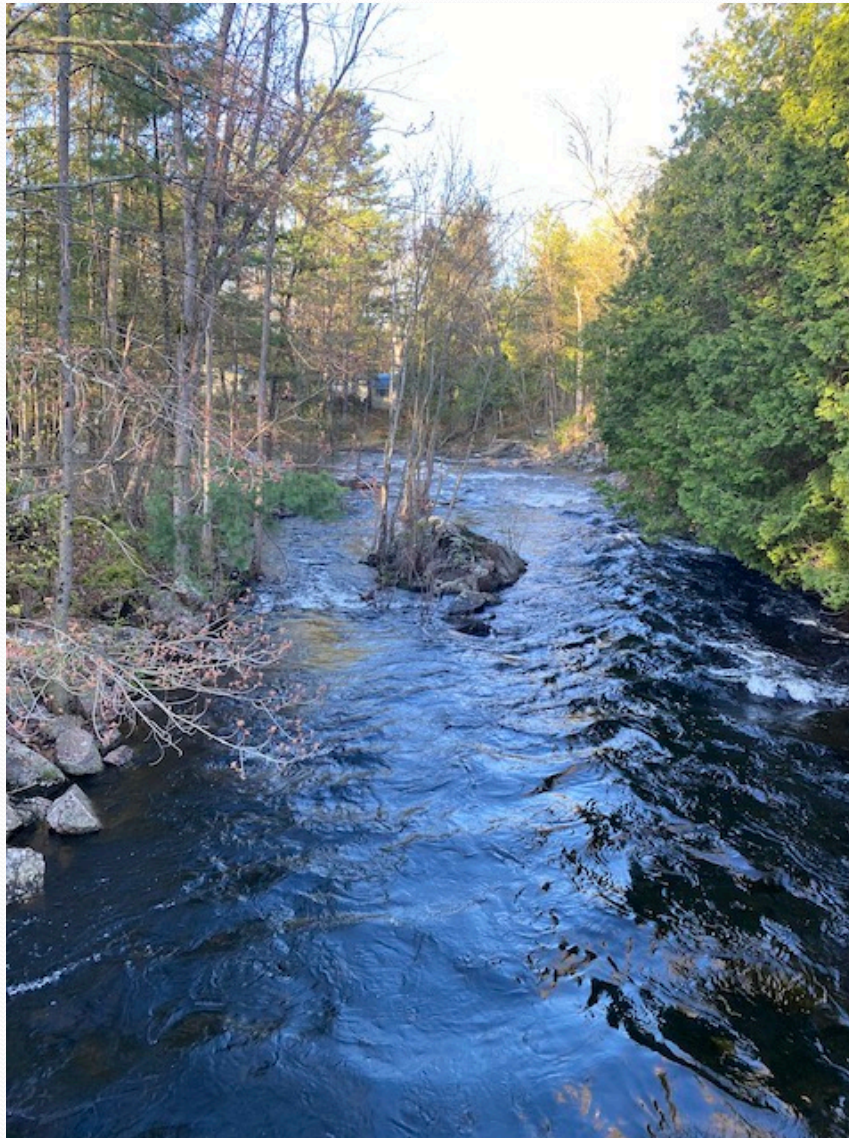
- Input questions or comments in chat
- Please mute mic & video except when speaking

Meeting Agenda



- Chair's Report
- 2023 Photo contest winner
- 2022 Annual Lake Quality Water Report: Learning From Our Lakes
- KLSA Program Reports
- Jeff Berthelette: ISAP Water Stewards Program
- **Break**
- Nolan Pierce: Trent University Aquatic Science PostDoc
- Closing

Chair's Report



Winner of Photo Contest 2023



Congratulations to contest winner **Martha Hunt** from Stoney Lake!

Martha's beautiful photo of two loons is featured on our 2022 LWQR cover.



Photo Contest 2023 Runners-up



Photo by Dave Morley. Chandos Lake



Photo by Martha Hunt, Stony Lake

2022 Annual Lake Water Quality Report



Available digitally at
klsa.wordpress.com

Printed copies are available at retail locations, and municipal offices throughout the Kawarthas.

For printed copies, please contact
klsa@klsa.info



Kawartha Lake Stewards Association



2022 Annual Lake Water Quality Report

Learning From Our Lakes

MAY 2023



KLSA 2023 Program Reports

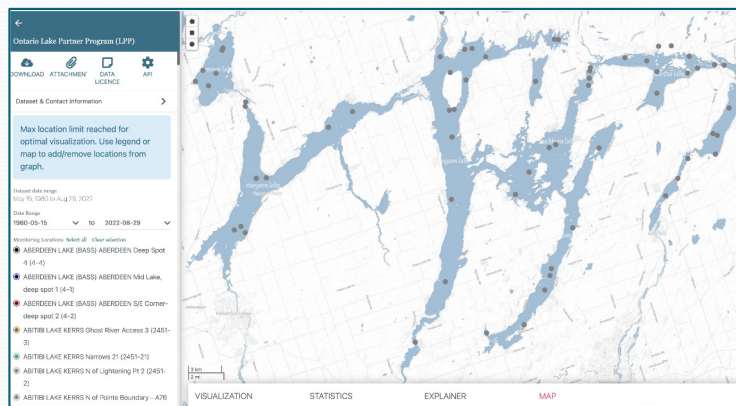
Kawartha Lakes Water Quality Sampling



1. *E. coli*



2. Lake Partner Program



Contact: Bob Bailey robert.bailey@klsa.info

Kawartha Lakes Water Quality Sampling



1. *E. coli*



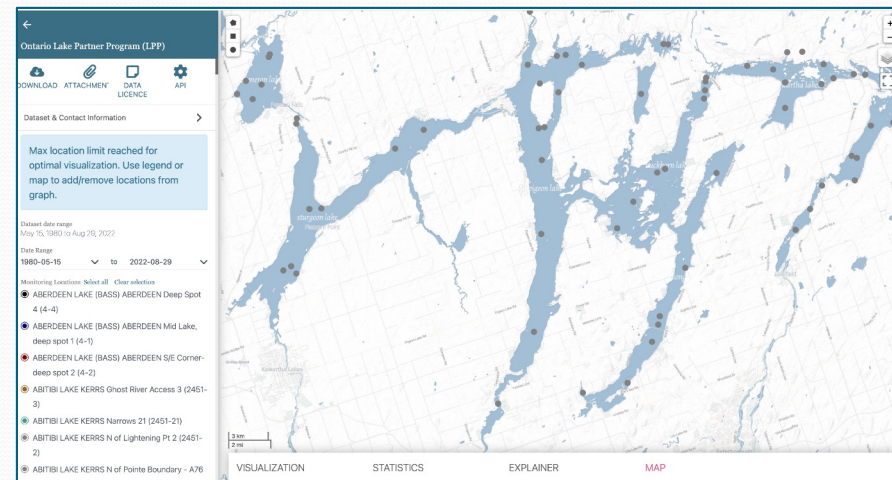
- KLSA program
- Sampling 5 times from 4 July to 5 September
- Training kit with video available online by 1 June
- Please contact Bob Bailey (robert.bailey@klsa.info) if you want to be part of this important program!

Contact: Bob Bailey robert.bailey@klsa.info

Kawartha Lakes Water Quality Sampling



2. Lake Partner Program



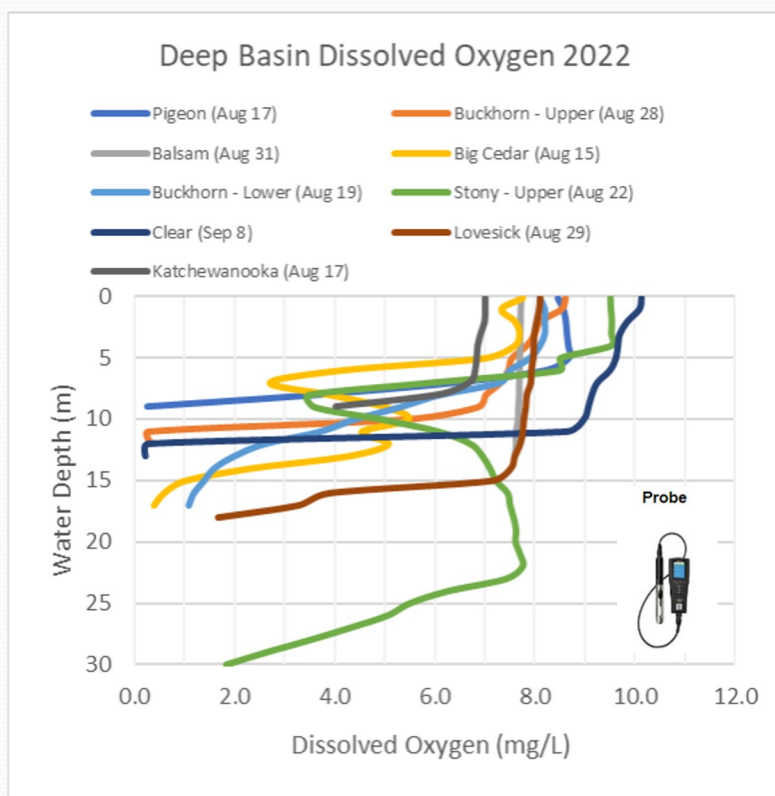
- Ontario Ministry of the Environment Conservation & Parks program
- Phosphorus, chloride, calcium, and water clarity
- Sampling done in May of each year
- <https://datastream.org/dataset/a33d7f09-7cdd-4954-9236-4711d122e614>
- KLSA mines Kawartha Lakes data and shares with our members
- Contact Bob Bailey (robert.bailey@klsa.info) if you want more information

Contact: Bob Bailey robert.bailey@klsa.info

Climate Change Monitoring



- Provide baseline data for water temperature and dissolved oxygen.
- 3 year study (2021-2023); then program review and adjustments.
- Affix temperature data loggers in mid-lake (TSW buoys) and nearshore (e.g., dock legs)
- Sample deep basins with probe for temperature and dissolved oxygen.



Contact: Brett Tregunno brett.tregunno@klsa.info

Natural Edge Program



Purpose

To perform shoreline restorations (each with ~100 native plants) on properties around the Kawartha Lakes

Why

Improve the health of your lakes and your property!

Activities:

- Planted 10 sites in 2022
- Evaluating and planting 10 sites this Fall

Seeking landowners and volunteers!

Want help naturalizing your waterfront?

Want to volunteer to plant and restore shorelines?

Please contact: kim.ong@klsa.info



Kawartha Lake Stewards Aquatic Plant Contest



Objective: educate the public on the importance of macrophytes, and help change attitudes toward aquatic plants by creating greater understanding of the valuable role they play.

- Contest runs June 1 to September 1
- Prizes for the individual with the most observations and a prize for identifying the most species
- Participation captured in the iNaturalist App (see the project - Aquatic Plant Contest)
- Regular updates posted to Facebook

For more information contact Darryl Kotton - darryl.kotton@klsa.info



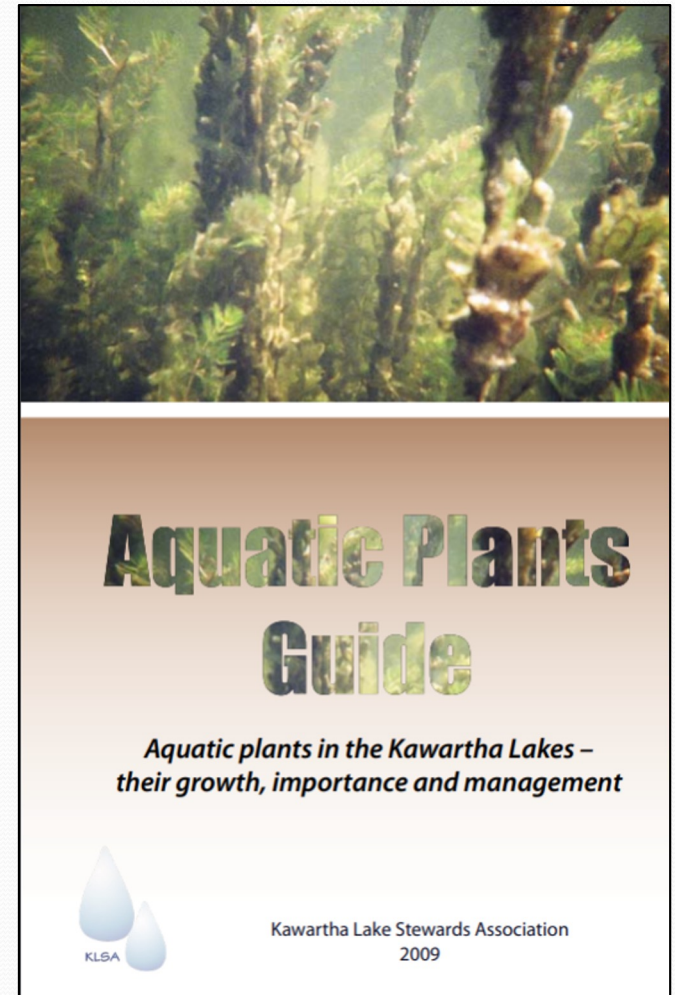
New Aquatic Plants Guide



With help from Fleming College students, and consultants, we are updating our 2009 KLSA publication:

- more photos
- new species
- greater emphasis on their benefits
- approx. 30 species

Scheduled for fall 2023 release at our AGM!!!



Jeff Berthelette, ISAP Outreach Liaison



BREAK



Presentation by Nolan Pearce



Oxygen Decline in Kawartha Lakes Deep Water A Growing Concern



Closing Remarks

Thank you for attending the KLSA Spring Meeting, 2023

How to stay involved:



Email us at: klsa@klsa.info

Kawartha Lake Stewards Association



Website: klsa.wordpress.com

www.youtube.com/@kawarthalakestewardsassoci2470