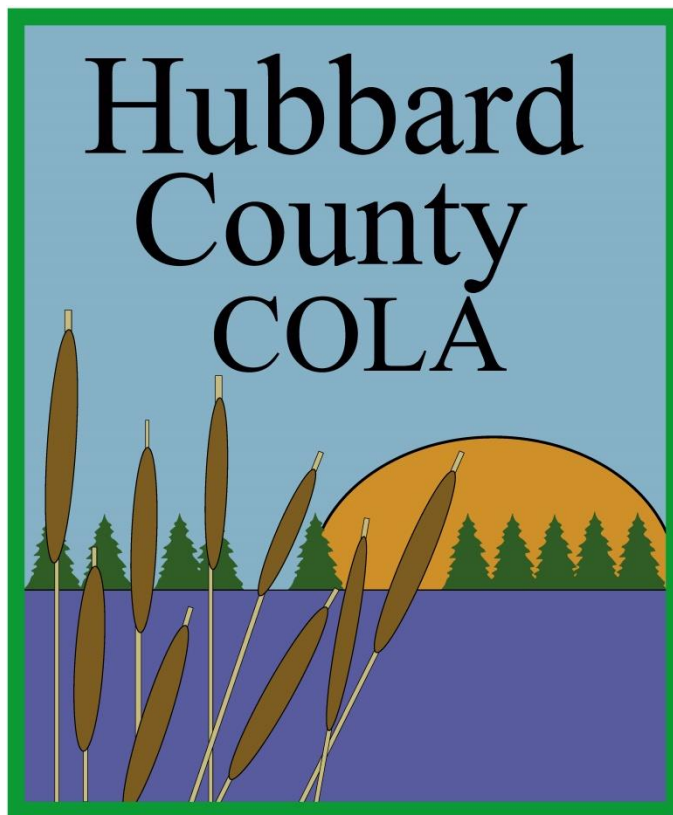


# Hubbard County Coalition Of Lake Associations E-Newsletter - November 2020



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Welcome to Hubbard County Coalition Of Lake Associations (HC COLA) new E-Newsletter! [Subscribe](#) and watch your inbox to catch all future issues.

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## From The President- Sharon Natzel

We want to wish everyone a Happy and Healthy Thanksgiving! We are especially thankful for the many volunteers that are part of the committees / programs that help make up the HC COLA organization and enable us to live our mission of protecting the lakes and rivers! We are seeking candidate volunteers for these roles below. Please let me know if you are interested in sharing your passion and energies in any of these areas.



HC COLA Vice-President

Executive Team

Communications Team / Leader

Shoreland Advisors / coaches on gardening lake friendly to protect water quality

Please see the updated strategy, organization and committee structure descriptions here that were reviewed in our October 29, 2020 HC COLA meeting. You can get an even better understanding of the roles as you discern how you might add your talents to our collaborative mix. See the [Organization and Strategy](#) page on the HC COLA website for more information.

Please be careful as the ice forms on our lakes! See the short [DNR Ice Safety Video](#) .

Thank You!

[Sharon Natzel, President HC COLA](#)

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## **AIS Prevention Partnership Accomplishments 2020 and Plans for 2021**

On Thursday, October 29, 2020 at 6:30 PM, 21 Hubbard County lake associations represented by 28 members and 3 guests gathered online via Zoom for the final 2020 Hubbard County Coalition of Lake Associations (HC COLA) Board Meeting. Our next HC COLA Board Meeting will be online via Zoom on Thursday, April 29, 2021 at 6:30 PM. We will use this monthly E-Newsletter to help us all continue to collaborate and stay informed during the Autumn / Winter seasons here in this Headwaters lakes area.

The focus of the October HC COLA Board Meeting was aquatic invasive species (AIS) prevention. The AIS prevention partnership recap of accomplishments for 2020 and the plans for 2021 were shared ahead of the meeting with HC COLA Representatives / Alternates plus Lake Association Presidents, volunteer AIS and Water Monitors to facilitate discussion / understanding. Nick Macklem, Hubbard County Environmental Services Department, Environmental Specialist – AIS Program and the HC COLA AIS Operating Team collaborated on the recap you'll find on the HC COLA website in communications → [committee reports](#)

Nick presented the Hubbard County AIS Prevention Summary. The video recording of his presentation with the Q&A plus his slide deck are here: <http://www.hubbardcolamn.org/presentations.html>

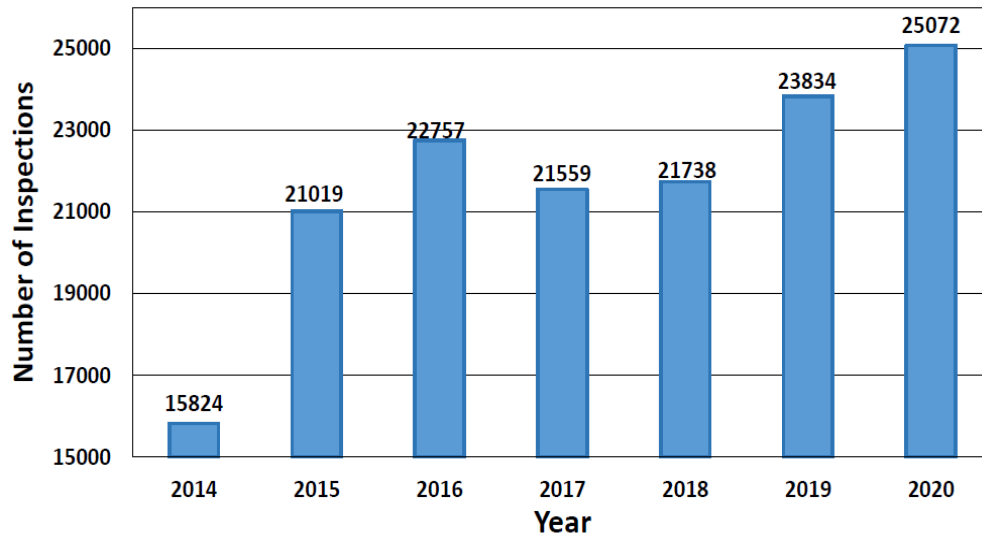
**Key takeaway:** Supplemental Funding Deadline for Lake Associations / Townships / Cities is **1/31/2021**. Nick Macklem ( [nick.macklem@co.hubbard.mn.us](mailto:nick.macklem@co.hubbard.mn.us) ) will be updating the Hubbard County AIS area soon: [HC Aquatic Invasive Species Program](#)

## Inspection Summary 2020

- Schedule just ended
- 13,200 hours worked
- Roughly 25,000 inspections
  - Currently completing survey data analysis
- 99.02% compliant with drain plug law
- 96.86% compliant with all other AIS laws
- 1.90 inspections per hour county wide average



### Hubbard County AIS Inspections





## **Zebra Mussel Control with Low-Dose Copper**

Zebra mussels (*Dreissena polymorpha*) are one of the most problematic invasive species in Minnesota, causing significant ecological and economic impacts in bodies of water where they have established. EarthTec QZ is an EPA-registered proprietary formulation of copper sulfate that has been used in Minnesota for controlling dreissenid mussels in open water systems. In 2019, MAISRC and USGS researchers conducted an experimental application of low-dose copper in Lake Minnetonka. The concentration was substantially lower than previously used for adult zebra mussels in Minnesota lakes—60 parts per billion (ppb) vs. one part per million (ppm) of free copper. This ‘suppression strategy’ has shown promise in early-stage trials. The objectives of the study were to determine the effectiveness of low-dose copper for reducing zebra mussel recruitment and to monitor the response of native biota.

[\*\*MORE\*\*](#)

[\*\*MAISRC LOW-DOSE COPPER VIDEO\*\*](#)

### **Copper-based Control: Zebra Mussel Settlement And Non-Target Impacts, Phase II:**



[MORE](#)

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## Wakeboard Billboard On Highway 71

HC COLA and Hubbard County Environmental Services partnered in 2020 on a HC COLA Clean-Drain-Dry Billboard on Highway 71 featuring a wake boarder and the Clean-Drain-Dry message.

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# **Our Lakeshore/Groundwater Connection Videos**

These animated videos about lakeshore restoration and stewardship were created in collaboration with the Anoka County Water Resource Outreach Collaborative and several local Lake Associations. The videos describe lake processes and gives lakeshore owners some steps they can take to restore their shoreline and become lakeshore stewards.

In September 2020 University of MN Extension - Hubbard County and HC COLA sponsored two workshops on "Lawns & Lakes - There is a Connection" and "Shoreland Advisors 101". Recordings can be found at <http://www.hubbardcolamn.org/presentations.html> . The workshops were developed and taught by Karen Terry, retired from Water Resource Management, UMN Extension. Karen has also prepared curriculum and trained Shoreland Advisors in 2019 for Itasca County. The new HC COLA Shoreland Advisor complimentary program is available for lakeshore owners who may be interested in inviting a trained volunteer shoreland advisor to visit with them by walking with the landowner on their lakeshore (socially distanced / with masks), listening to the landowners ideas and sharing insights potentially for the lakeshore property owner's mini-watershed. Interested lakeshore owners reach out initially by emailing HC COLA. We will offer another Shoreland Advisor Workshop in the Spring of 2021. These animated videos show the connection between "Lawns & Lakes" so well! Enjoy!

[\*\*MORE\*\*](#)

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## **HC COLA Supports UMN Healthy Waters Initiative**

HC COLA has made an investment in the UMN St. Anthony Falls Laboratory Healthy Waters Initiative research project. The research will



involve the impact of boat generated wakes and propeller wash on water bodies. This initiative focuses on conducting robust research on Minnesota's lakes and rivers. The current project is focused on studying the impacts of boat generated waves and propeller wash on lake bottoms and shorelines. The study will examine several large recreational watercraft under different usage scenarios. Research has begun on this multi-year project.

Scroll down on their website under “projects” for some very interesting videos of their challenging Oct 2020 testing.

[MORE](#)

[Letter from UMN](#)

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## **Three Hubbard County Lakes Added To DNR Infested Waters List**

Three Hubbard County lakes were added to the MN DNR Infested Waters List in 2020. AIS species noted were eurasian watermilfoil, faucet snail and zebra mussel. Early detection efforts were a factor in these discoveries. Early detection helps to contain the spread of AIS through education and management action where possible. The AIS early detection techniques are part of our HC COLA "Eyes on the Water" Program, something that all lake users can be involved in.

- The hand pulling of Eurasian Watermilfoil on Big Mantrap by the MN DNR Northwest Region Invasive Species Specialist, Nicole Kovar and treatment of the EWM at the access sponsored by the Big Mantrap Lake Association and Hubbard County were focused on preventing the spread in the lake and being picked up by exiting boats / trailers too.
- For Long Lake, the decontamination station in Park Rapids was promoted plus clean-drain-dry techniques at the

kiosks, in the mailing to all lakeshore owners, in the local newspaper and through the watercraft inspector / educators to contain the spread of ZM. A fishing tournament organizer changed the order of lakes fished too to help prevent the accidental spread of ZM through residual water or on vegetation.

- Boulder Lake focused on education to prevent the spread of faucet snails and introduction of other AIS.

[MORE](#)

[MN DNR Infested Waters List](#)



**Water Connects Us All - 2020 MLR Annual Meeting  
December 2, 2020  
7:30 pm CT**

MLR works to protect Minnesota's lake and river heritage for current and future generations by forging links among lakes, lake advocates and policy makers.

Put another way, Water Connects Us All

Despite the lockdown and truncated legislative session, MLR's work, and the work of our lake association partners continued. There is good news to share, as well as the agenda we will pursue in 2021.

So please, register for the [Water Connects Us All MLR 2020 Annual Meeting](#). It will be in webinar format, but there is a chat function so you can ask questions, make points, provide feedback.

Go [HERE](#) to see a partial list of presenters at the Meeting

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[www.lakeadmin.org](http://www.lakeadmin.org)

[AIS](#) – [WATER QUALITY](#) – [ADMINISTRATION](#) – [REGULATION](#) – [GENERAL INTEREST](#)

## **Featured Posts- November 2020**

- [Lake Association Newsletters](#)
  - [12 Ways To Protect Your Lake](#)
  - [Five W's + H Of Journalism](#)
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## **Hubbard County COLA**

Hubbard County Coalition of Lake Associations (HC COLA) is the Leader in Protecting Hubbard County Lakes and Rivers.

Our mission is to protect and enhance the quality of our lakes and rivers, preserve the economic, recreational and natural environmental values of our shorelands and promote the responsible use of our waters and related habitats. Hubbard County COLA's mission enhances, promotes and protects the interests of lakeshore property owners, lake associations, local government, the general public and future generations.

Hubbard County COLA formed in 1988. HC COLA currently has a membership of 30 lake associations representing 42 lakes with over 2500 members. HC COLA is an all-volunteer 501(c3) organization.

## **Lakes Represented In HC COLA**

Bad Axe · Belle Taine · Big Mantrap · Big Sand · Blue · Boulder · Crow Wing Lower · Crow Wing 5<sup>th</sup>/6<sup>th</sup>/7<sup>th</sup> · Crow Wing 8<sup>th</sup>/9<sup>th</sup> · Crow Wing 10<sup>th</sup>/11<sup>th</sup> · Duck · Eagle-Island · Emma-Stocking-Bottle · Fish Hook L&R Association · Garfield · Gilmore · Ham Lake · Hinds Lake · Kabekona · Little Sand · Long Lake · Palmer · Plantagenet · Portage · Potato · South Island · Spider · Stony · Tripp · Twin Lakes

## **HC COLA Board of Directors**

The HC COLA Board of Directors is made up of one designated "HC COLA Representative" from each member Lake Association.

## **HC COLA Officers**

President:	Sharon Natzel, Long Lake
Vice President:	(seeking candidate volunteers) <a href="#">candidate email</a>
Secretary:	Keith Minkel, Gilmore Lake
Treasurer:	Steve Hall, Boulder Lake
Immediate Past President:	Lynn Goodrich, Tripp Lake

**[2020 Meeting Minutes](#)**

**[2020 Committee Reports & Updates](#)**

**[HC COLA Presentations](#)**

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## **Water Quality Analysis Reports**

The Water Quality Analysis Reports for HC COLA lakes are available with an easy query of the [RMB Lakes Monitoring Database](#). You can run a trend report over time for chlorophyll-a, total phosphorus and secchi disk measurements indicating clarity.

Thanks to the many HC COLA citizen lake monitoring volunteers who sample their lake in a specific location, using specific sampling methods on a specific date for each of the 5 months in open water season, May through September! The RMB Environmental Laboratories Inc analyzes these water samples after they are delivered monthly by the HC COLA volunteer cooler shuttle team. This is a team effort! The data is also provided to the MN Pollution Control Agency.

Check out the special milestone reports on our [HC COLA Water Quality Monitoring Reports](#) website page for several HC COLA lakes by RMB Environmental Laboratories Inc.

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[Environmental Services](#)  
[Aquatic Invasive Species](#)  
[Planning Commission / Board OF Adjustment](#)  
[Board of Commissioners Agendas & Minutes](#)  
[Board of Commissioners](#)  
[Hubbard County Soil & Water Conservation District](#)

**Comments and Suggestions Welcome**

We invite any and all comments and suggestions for the HC COLA E-Newsletter. Please send emails to [hccolamn@gmail.com](mailto:hccolamn@gmail.com).

To unsubscribe please send an email reply with “unsubscribe” in the Subject line to [lakehelp2@gmail.com](mailto:lakehelp2@gmail.com)