

Feb 2020 Water Monitoring & Restore the Shore & More



- 1) RMB Environmental Laboratories water monitoring prices have increased for season 2020. Our new HC COLA discounted price for the program is \$245, so an increase of \$10 per lake.
 - 2) The RMB Environmental Laboratories zebra mussel veliger composite sampling (ZMVS) along with spiny waterflea analysis are at \$118 per bottle to analyze for 2020. For just ZMVS analysis alone, the price will be \$87.00 per sample.
 - a. We clarified for a lake that asked; if a tester can fit their two dates of ZMVS into one bottle with a 3:1 of 91% alcohol to water for each date sampled – that is OK.
 - b. In a combined bottle, if veligers are discovered during analysis, you will not know which date sampled had the veligers.
 - c. A couple of experienced ZMV samplers on our HC COLA team suggest keeping with the practice of one bottle per ZMVS date to maximize sampling ease, if possible.
 - 3) Water monitoring coolers for May / June and integrated sampler pickup for the 2020 season will be **Wed May 13th** from 5:30 PM until 7:30 PM at Northwoods Bank / Community Room in Park Rapids. Refresher / Training for water monitoring, zebra mussel veliger sampling techniques plus an overview of the updated RMB program for lakes is available along with refreshments. If you and/or your alternates are NOT able to make the pickup, please email hccolamn@gmail.com to make alternate arrangements.
 - 4) Mark your Calendar with the Dates for Water Monitoring and ZMV Sampling and when the coolers need to be at Charlies Boat & Marine for our terrific HC COLA volunteer “cooler shuttle-service drivers”:
 - Sun 5/17 – Mon 5/18 delivery to Charlies Boats & Marine, E Hwy 34, P. R. by 11 AM
 - Sun 6/21 – Mon 6/22 with delivery to Charlies by 11 AM
 - By Mid June – 1st ZMV testing – when water in littoral areas is 54 F <https://www.in.gov/dnr/files/ZEBRA-MUSSEL.pdf>
 - End of June / First part of July for 2nd ZMV testing
 - Sun 7/19 – Mon 7/20 - delivery of water monitoring & ZMV samples - 11 AM to Charlies
 - Sun 8/16 – Mon 8/17 with delivery to Charlies by 11 AM
 - Sun 9/20 – Mon 9/21 with delivery to Charlies by 11 AM
 - 5) Some Lake Associations inquired about chloride sampling. RMB Analysis is \$11 per sample. Kits & instructions will be available on Wed 5/13/20 at Northwoods Bank Community Room. 1 TSP Salt Permanently Changes 5 Gallons Water.
 - 6) **6 A) VIP!!** If you participated in the **AIS Volunteer Training** in-person classes held in **2018 and 2019** to educate the public about AIS & how to slow their spread which were taught by DNR Watercraft Inspection Program staff, you are still able to **update your skillset online** for 2020 https://www.dnr.state.mn.us/invasives/ais_volunteer/training.html . Once you have completed the refresher, contact the regional watercraft inspection supervisor Michael.Bolinski@state.mn.us and request the DNR background check (required annually) form and DNR volunteer agreement form.
 - 6 B)** An AIS Volunteer Training in-person session will be scheduled in May or June, 2020 depending on DNR instructor availability – check back here for class schedule: <https://www.dnr.state.mn.us/invasives/ais/volunteer.html>
- For Either 6A or 6B)** After you receive your certification as an AIS Volunteer, you may coordinate ahead of time which dates / times you plan to educate at your public access with Nicholas Macklem, Hubbard County Environmental Services, email: nmacklem@co.hubbard.mn.us and phone: 218-732-3890 and also coordinate with Michael.Bolinski@state.mn.us
- a. Remember that AIS Volunteers do not have the legal authority to tactilely and visually inspect watercraft like the Hubbard County Inspectors.

- b. AIS Volunteers are there specifically for helpful reminders and education. For example:
- Identify themselves as an AIS Volunteer trained by the Minnesota DNR as an educator for the public.
 - Drain plug removed (ZM veligers can live in the pooled water)
 - Where is boat coming from? (If an infested water body, share risks of AIS and transporting watercraft from infested waters.)
 - How long has the boat been out of the water? (if coming from infested waters boats usually need 5 days to completely dry out to kill ZM veligers, and free courtesy decon is available https://www.dnr.state.mn.us/invasives/watercraft_inspect/courtesydecon.html)

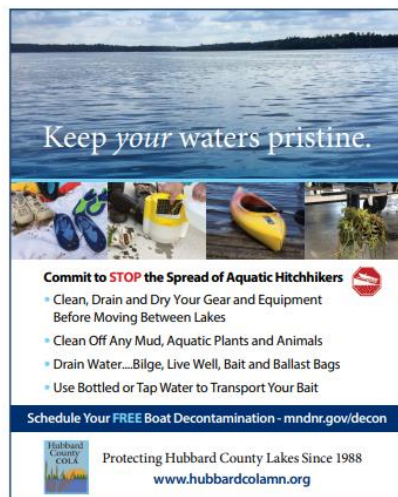
- 7) Starry Trek – Sat Aug 15, 2020 : Save the Date to help search county lakes public access areas for Starry Stonewort.
- 8) Please contact the HC SWCD if you want to hire them to perform Hydro Lab testing on your lake for monitoring the dissolved oxygen and temperature of water column.
- 9) Restore The Shore (RTS) Orders for 2020 will be coming around the beginning of May, 2020. Volunteers are needed to repackage the orders. The RTS Coordinator is Cheryl Hilgemann at jchilgemann@arvig.net.
- 10) Get Your Grant Applications in as the deadline is 3/1/2020! Remember that last year's grant recipient for the HC COLA Charitable Fund was Bad Axe Lake Association who completed a point-intercept aquatic plant survey with RMB! <http://www.hubbardcolumn.org/hc-cola-charitable-fund--grant.html>



Feb 2020 Education & Invasive Species & More....

1. Minnesota Lakes & Rivers Advocates has the free Citizen Action Network to help keep you informed. Sign up for MLR news webinars here: <https://www3.thedatabank.com/dpg/529/pm.asp?id=78174&nav=1&aacwc=371565295252364078174259739127%20target=>
- 03/27 10:00am CST - Get the Lead Out - Protect Loons With Lead Tackle Alternatives - [Register Here](#)
- 04/17 1:00pm CST - Septic Secrets - How to Keep Your Septic System Healthy - [Register Here](#)
- 04/24 1:00pm - Enhanced Wake Watercraft Impacts on Lakes - [Register Here](#)
2. Our Hubbard County Coalition of Lake Associations (HC COLA) events will be listed on:
- Volunteer Heartland Lakes – please consider signing up and “fanning” HC COLA! Example: https://volunteerheartlandlakes.galaxydigital.com/event/detail/?event_id=65509
 - Park Rapids Chamber of Commerce <https://business.parkrapids.com/events/calendar>
 - Facebook - <https://www.facebook.com/Hubbard-County-Coalition-of-Lake-Associations-171630942993959/?ref=bookmarks>
3. Interested in being an AIS Detector? Good News! Beginning in 2020, certified AIS Detector's ongoing requirements of volunteer work has been reduced to NO minimum. The ongoing annual training is 8 hours and can be a mix of online webinars <https://www.maisrc.umn.edu/ais-detectors/webinars>, attendance at MAISRC showcase in St. Paul and other. FAQs <https://www.maisrc.umn.edu/ais-detectors/detectors-course> Potential scholarship ?'s: email sharonmnatzel@gmail.com
4. The Hubbard County Soil and Water Conservation District (HC SWCD) is planning the Wed May 20, 2019 6th Graders Freshwater Festival for area schools at the Camp Wilderness Boy Scout camp near Emmaville. To volunteer, call the HC SWCD office at 218-732-0121 Ext/4. HC COLA is donating \$1200 for our member lake associations.
5. An HC COLA Overview was presented at the Chamber of Commerce “Morning Buzz” event for Chamber members in January and also at Edward Jones Monthly Meeting in February. Volunteer opportunities for student/parent to “shadow” such as a water monitoring expedition or aquatic vegetation survey or are being offered at the 3 PRHS mentoring sessions Feb – April by HC COLA education lead – Sharon Natzel.

6. Otter Tail County Aquatic Invasive Species Task Force volunteer Jerry Horgen (program developer and retired superintendent of schools) and Ellie Kriese, Biologist from RMB Labs provided HC COLA Education Team Members Keith Minkel and Sharon with an overview of their Train the Teachers to Train the Kids program. HC COLA is paying RMB to update the lake data for Hubbard in AIS Toolkit. HC COLA outreach to area HS science teachers in process.
7. Census 2020 important for our lakes area! Help get the word out to your traveling neighbors! Great overview here: <https://www.parkrapidsenterprise.com/news/4962221-Complete-census-count-could-mean-billions-for-Minnesota>
During the week of March 12th, we will be getting notification that we are to fill out the 2020 Census. You can fill out it online or on paper but you must declare where your residence is. If you have your property in Hubbard County as your homestead for tax purposes, you need to use your Hubbard County address. Help us count everyone in Hubbard County so we receive the benefits Hubbard County needs!
8. Comment Period of 30 days for MPCA draft 401 certification and wastewater permit 3/2/2020 for Line 3 with 2 public meetings 3/17/20 in Bemidji at Sanford Center and 3/18/20 in Grand Rapids at Timberlake Lodge
<https://www.pca.state.mn.us/news/mpca-announces-revised-enbridge-line-3-replacement-permit-schedule>
9. Comment period expires 3/6/20 for US Army Corps of Engineers on Line 3 rev permit applic for sectn 404 Clean Water Act: <https://www.mvp.usace.army.mil/Missions/Regulatory/Public-Notices/Article/2076729/mvp-2014-01071-tjh-enbridge-line-3-revised-permit-application/>
10. Our new HC COLA community-based social marketing Discover Guide educational ad on pg 69 cleaning gear and equipment will also now be in the Residents Guide through the Park Rapids Enterprise.



11. Chili Challenge 3/4/20: consider donation for the Hubbard County Food Shelf mailed this week – see details or plan to attend and taste! HC COLA theme is **Lakin' It Easy!** <http://www.hubbardcolamn.org/news-and-events.html>
12. Going halves with the county AIS program on:
 - a) Movie Ad – preventing the spread of Eurasian Watermilfoil education Clean. Drain. Dry. Messaging; Mar-Aug
https://www.youtube.com/watch?v=roeCR_5dNOg
 - b) Billboard on Hwy 71 south of P.R – incoming traffic from cities will see illuminated Wakeboard / Boat and Clean. Drain. Dry. Messaging; May – Sept.

