

# HC COLA Water Monitoring 2021

- 1) Mark your calendar for the HC COLA “Zoom” Meeting on Thurs April 29th at 6:30 PM! We will learn about RMB Environmental Laboratories’ **Childrens Programs** plus receive our training on their **new** water monitoring “chain of custody” form and the RMB lakes database from Ellie Kriese, Aquatic Ecologist.
- 2) This year, we will use the parking lot at the **Park Rapids Lakes Area Chamber of Commerce for all of the cooler activities** where HC COLA is a member. The Chamber’s address is 1204 Park Avenue South, Park Rapids, MN
- 3) We **appreciate** the HC COLA Volunteer Citizen Scientists that collect water samples for analysis of total phosphorus and chlorophyll-a and do a secchi disk reading each month, May - Sept for their lakes! Peter Tuomisto, HC COLA Water Monitoring Coordinator, reached out via email Wed morning Feb 3rd with important sampling dates for 2021 and updated pricing from RMB Environmental Laboratories, **\$255 for 5 samples total**. See schedule below:

**Water Cooler Wed, May 12<sup>th</sup> at 5:30 PM** at Park Rapids Chamber of Commerce Parking Lot, 1204 Park Avenue South, Park Rapids (Hwy 71 south of Downtown Park Rapids near the A&W Restaurant)

- Pick Up Coolers for May & June, Paperwork, Zebra Mussel Veliger Sample Bottles (also used for Spiny Waterflea Detection) plus an Integrated Sampler

- 4) Monitoring **Sundays** followed by **Monday Cooler Drop Off from 9 to 11 AM** at Park Rapids Chamber of Commerce Parking Lot, 1204 Park Avenue S, PR.

<b>Monitor Water Sunday P.M.</b>	<b>Drop Off Cooler Monday A.M.</b>
<b>5/16/2021</b>	<b>5/17/2021</b>
<b>6/20/2021</b>	<b>6/21/2021</b>
<b>7/18/2021</b>	<b>7/19/2021*</b>
<b>8/15/2021</b>	<b>8/16/2021</b>
<b>9/19/2021</b>	<b>9/20/2021</b>

- 5) We **appreciate** the HC COLA Volunteer Citizen Scientists that do the Sampling with the Plankton Net for Zebra Mussel Veligers (ZMV) & Spiny Waterflea (SWF) Detection. This monitoring is an AIS Early Detection tool! Veligers may be detected before ZM adults. Typically 1 or 2 samples are conducted June/July.

Your Water Sample needs to be Preserved in 91% Alcohol on the boat with plankton net. (Shop early - as more difficult to find on the store shelves now.)

**VIP!!** If Spiny Waterflea Detection analysis is desired from RMB, that service is conducted at RMB in conjunction with the ZMV analysis on same water sample.

- ZMV Monitoring, \$87 each sample - normally 1 or 2 water samples June/July
- Spiny Water Flea Detection, \$33 per sample; must be done with ZMV samples

Indicate the type of analysis needed on the RMB “Chain of Custody” Form, for example – **“please analyze for both ZMV and SWF”**.

Bring the preserved ZMV water samples on **Cooler Dropoff Mon 7/19/21\***, to the Park Rapids Chamber of Commerce

- 6) Water Monitoring, ZM Veliger Monitoring and Spiny Waterflea Detection will be billed through Hubbard County COLA. RMB 2021 HC COLA pricing:
  - Water Quality Monitoring, \$255 for 5 samples
  - ZMV Monitoring, \$87 each sample - normally 1 or 2 water samples June/July
  - Spiny Water Flea Detection, \$33 per sample – must be done with ZMV sample
- 7) HC COLA Treasurer, Steve Hall, will invoice the water monitoring via email to the participating Lake Association Treasurers near the end of summer 2021.
- 8) All other RMB Environmental Laboratories Inc services may be requested directly & billed to each Lake Association – see link with other services:  
<https://www.rmbel.info/associated-programs/additional-monitoring-stream-assessment/>

Perhaps your lake association is looking to do additional monitoring so that you can learn more about your lake or the surrounding streams in your watershed. For example, Chloride – stormwater runoff, Calcium – zebra mussel suitability, Total Suspended Solids – erosion problems, E.coli – nearby feedlots or septic systems, etc. Plan ahead so you can get your sample containers from RMB .....
- 9) **Notes For The Water Monitoring Citizen Scientist Volunteers:**
  - If you are a HC COLA water monitor and you missed Peter’s email Wed morning Feb 3, 2021, please email Peter Tuomisto [petertuomisto@gmail.com](mailto:peter@petertuomisto.com)
  - Review the RMB Sampling Protocols: <https://www.rmbel.info/training/>
  - Check Out Your Lake’s WQM Report analyzed for past 10 years [here](#).