

HC COLA AIS "Eyes on the Water" Survey Results 2023

117 Total Responses from 35 Different Lakes

**According to the MN DNR, there were 2 new AIS confirmations in 2023 in Hubbard County:
Long Lake – Starry Stonewort
Plantagenet – Zebra Mussels**

**The following new infestations were noted in neighboring counties:
Beltrami County: Blackduck Lake - Starry Stonewort; North Twin – Starry Stonewort**

Below are some statistics from the 2023 survey...

Did you inspect your lake shore, watercraft, docks, lifts and swimming platforms at end of season for zebra mussels? 93% - Yes

Do you have a zebra mussel monitoring device? If so, which device?

PVC Pipe 74%
Settlement Sampler 9%
Cinder Block 9%
None 8%

Did you utilize any of the following methods to search for aquatic invasives on your lake?
(82 responses)

Conduct visual scans across a range of shallow depths (up to 10 feet) to locate suspicious looking plants. 62 (75%)

Search for the following Submerged Invasive Plants: Eurasian Water Milfoil, Curly Leaf Pondweed, Starry Stonewort. 43 (52%)

Inspect public access sites searching 100 feet of shoreline on either side of public access (200 feet total) looking for suspicious plants. 19 (23%)

Conduct search by driving boat in a meandering pattern between the shoreline and maximum rooting depth of 15-20 feet looking for invasive plants (visually inspect plants & collect plant samples with rake at predetermined number of sites) 29 (35%)

Cruise the entire shoreline during July or August looking for the following blooming emergent plants: Purple loosestrife or Flowering Rush 28 (34%)

Search high risk sites that are vulnerable to invasives such as: Inlets / outlets, Resort / PUD's or Private water accesses 18 (22%)

Did you find and report any of the following AIS this year? (Number of respondents)

Faucet Snail 6

Curly Leaf Pondweed 2

Zebra Mussel 0

Eurasian Water Milfoil 0

Spiney Water Flea 0

Starry Stonewort 0

Chinese Mystery Snail 2

Purple Loosestrife 1

Rusty Crayfish 1

Would you register for a training session if offered on identification of aquatic plants?

Yes 54%

Note – some lakes had additional lakeshore resident monitors that did not submit surveys. These counts are not reflected in the preceding survey numbers.