

2021 Briggs Chain Watercraft Inspections Data Summary

These graphs summarize AIS inspection data collected by Level 1 inspectors with WaterGuards LLC during open water boating season 2021. Inspection time was allocated by Sherburne SWCD towards eight public landings in a manner that prioritizes high use landings and those deemed by University of Minnesota modeling efforts to be at “high risk” of AIS exposure and establishment. The Briggs Chain Lakes Association, Three Lakes Improvement District, and City of Big Lake dedicated additional funds to increase efforts at their local public accesses. This report summarizes inspection efforts and results from all Sherburne County lakes (Figures 1-3) and specific data from Briggs, Julia, Rush and Big Elk Lakes (Figures 4-17). Data analysis conducted by Sherburne SWCD.

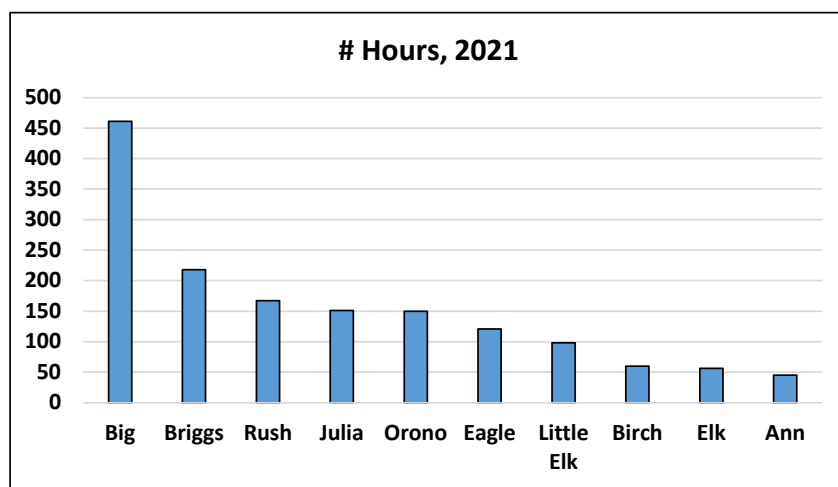


Figure 1. Total number of hours staffed at each Sherburne County public access point.

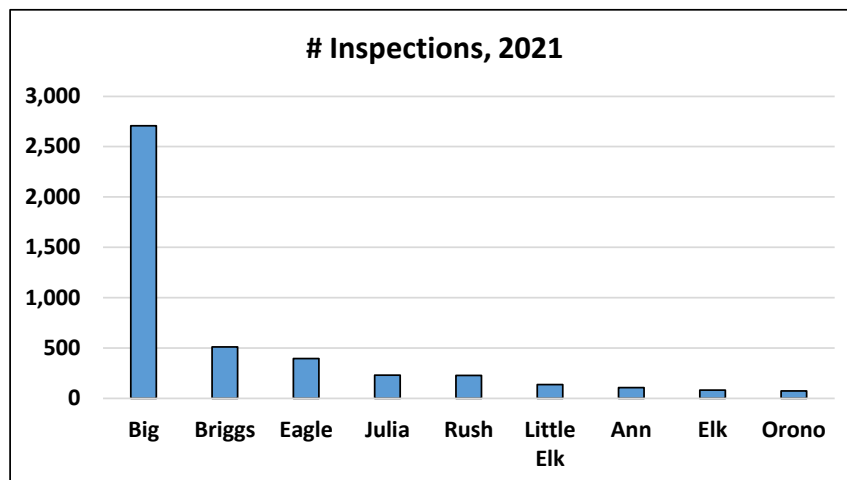


Figure 2. Number of inspections at each Sherburne County public access point

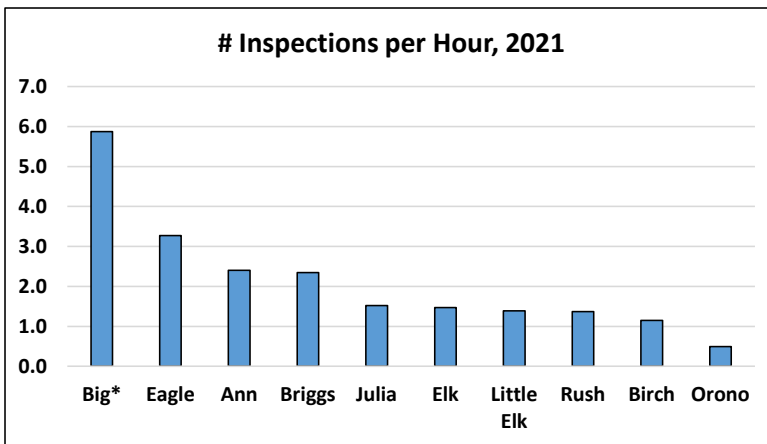


Figure 3. Number of inspections divided by hours of effort, Sherburne County public access points.
**Note that due to a technical malfunction, some Big Lake inspections were not recorded in early August. The 5.9 inspections per hour is likely an overestimate.*

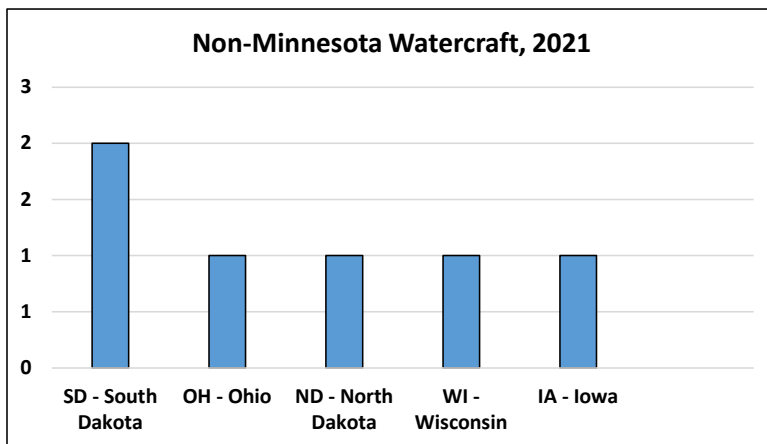


Figure 4. Top states representing Non-Minnesota watercraft at Briggs Chain launches during 2021.

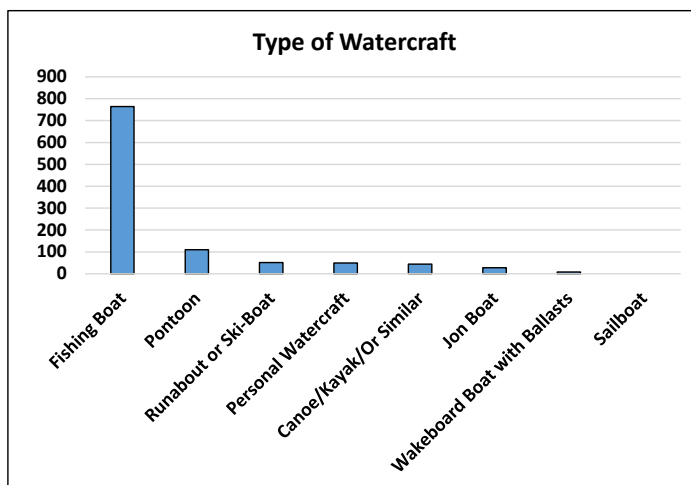


Figure 5. Types of watercraft observed during inspections at Briggs Chain launches during 2021.

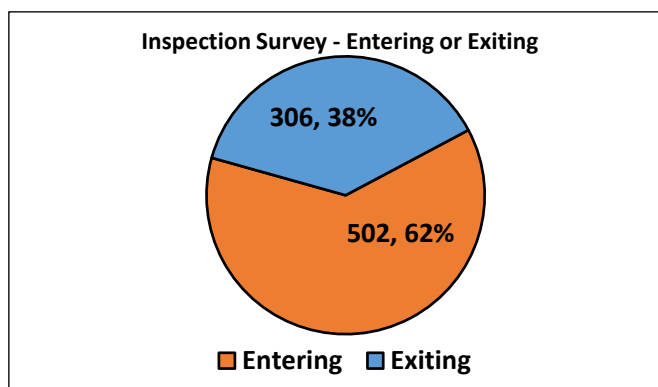


Figure 6. Watercraft entering or exiting during Briggs Chain 2021 inspections.

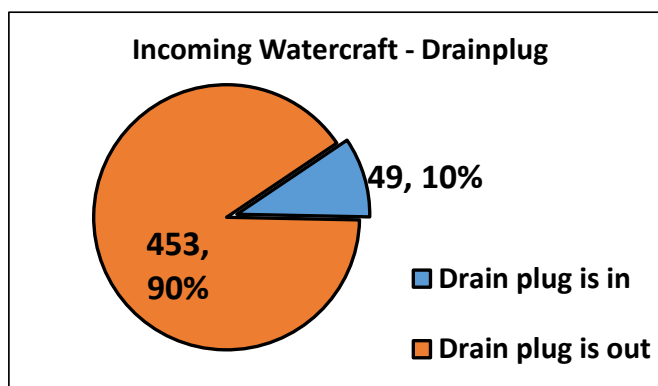


Figure 7. Watercraft drainplug status on incoming Briggs Chain watercraft.

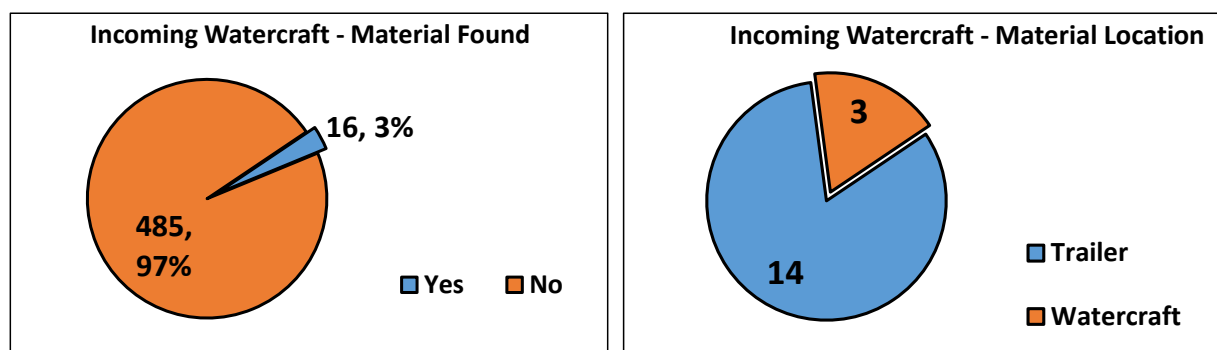


Figure 8. Aquatic material found and locations on incoming Briggs Chain watercraft.

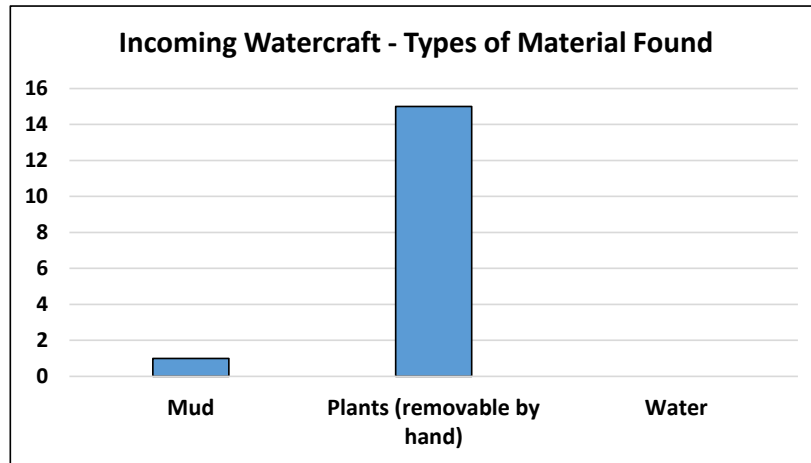


Figure 9. Types of aquatic material found on incoming Briggs Chain watercraft.

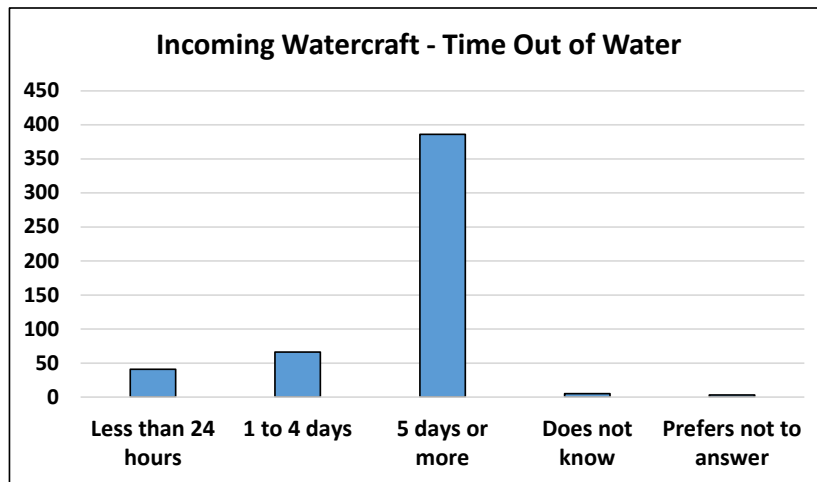


Figure 10. Time out of water for incoming Briggs Chain watercraft.

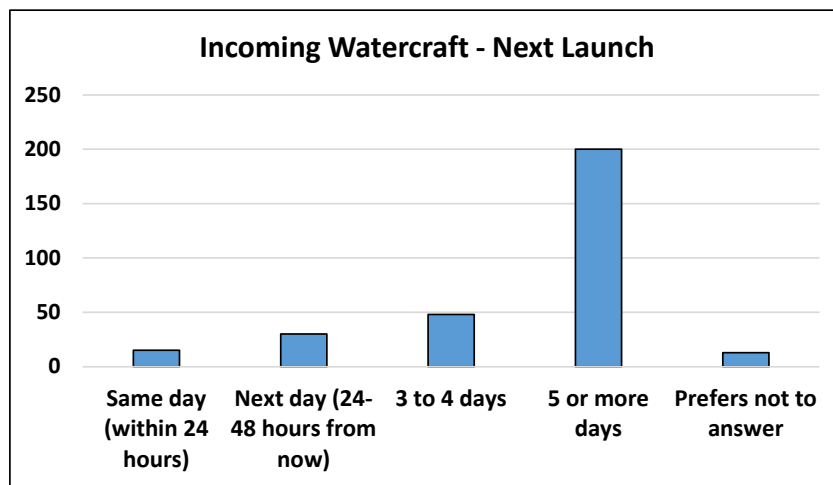


Figure 11. Time until launching at next waterbody for incoming Briggs Chain watercraft.

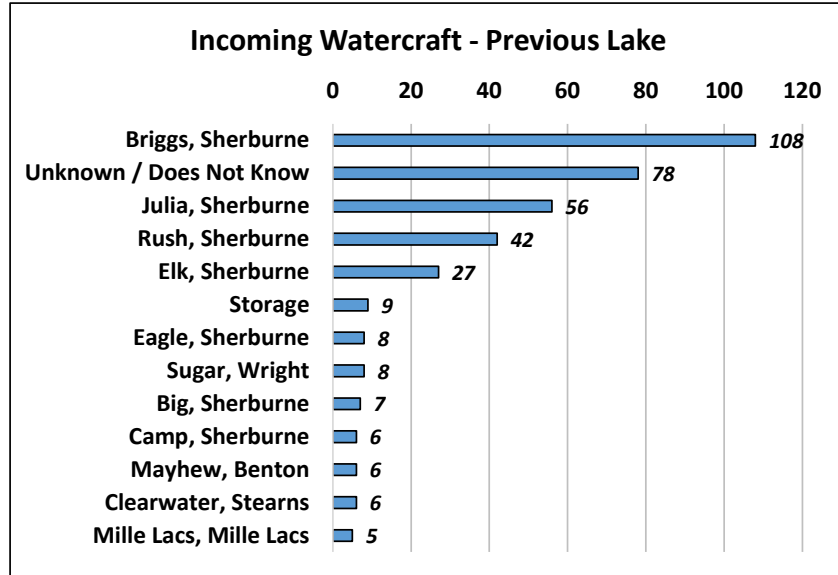


Figure 12. Top responses - previous lake for incoming Briggs Chain watercraft.

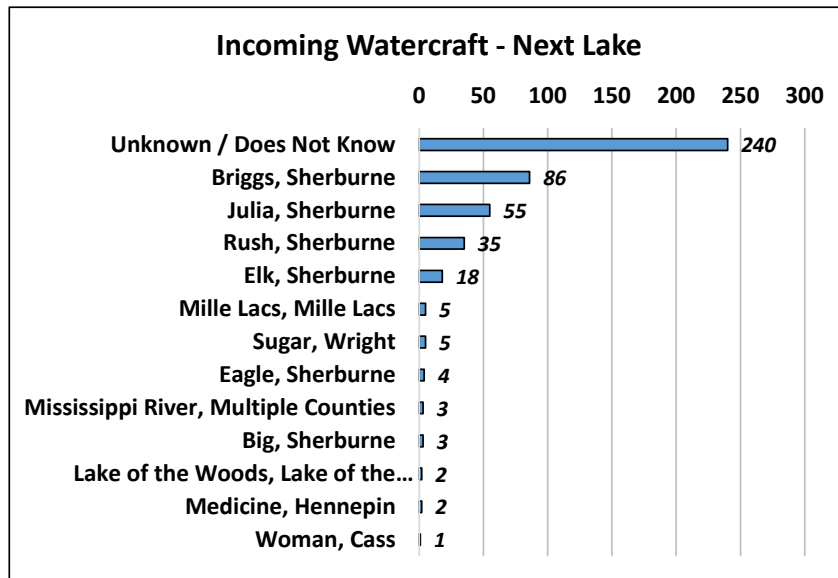


Figure 13. Top responses – next lake for incoming Briggs Chain watercraft.

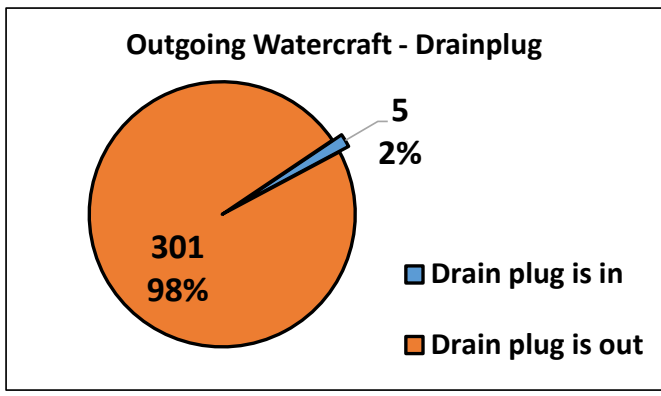


Figure 14. Watercraft drainplug status for outgoing Briggs Chain watercraft.

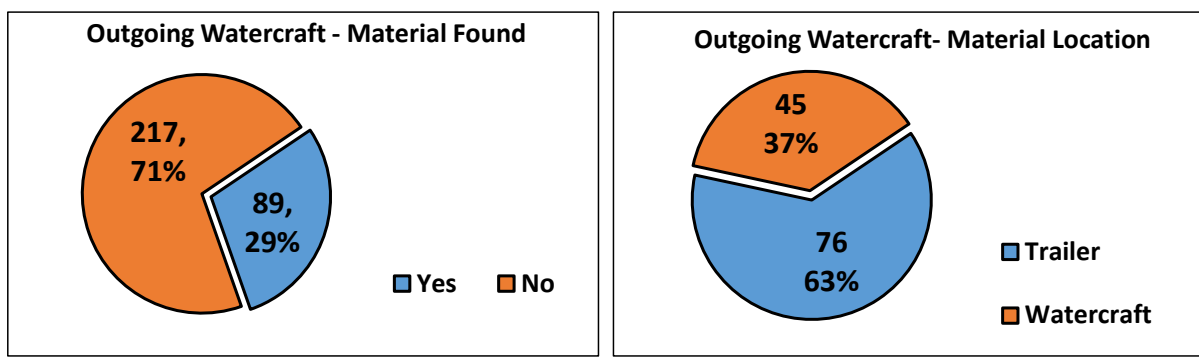


Figure 14. Aquatic material found and locations on outgoing Briggs Chain watercraft.

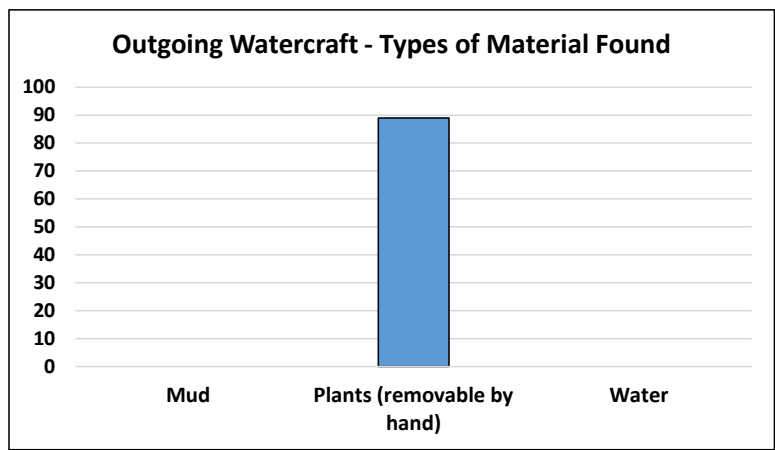


Figure 15. Types of aquatic material found on outgoing Briggs Chain watercraft.

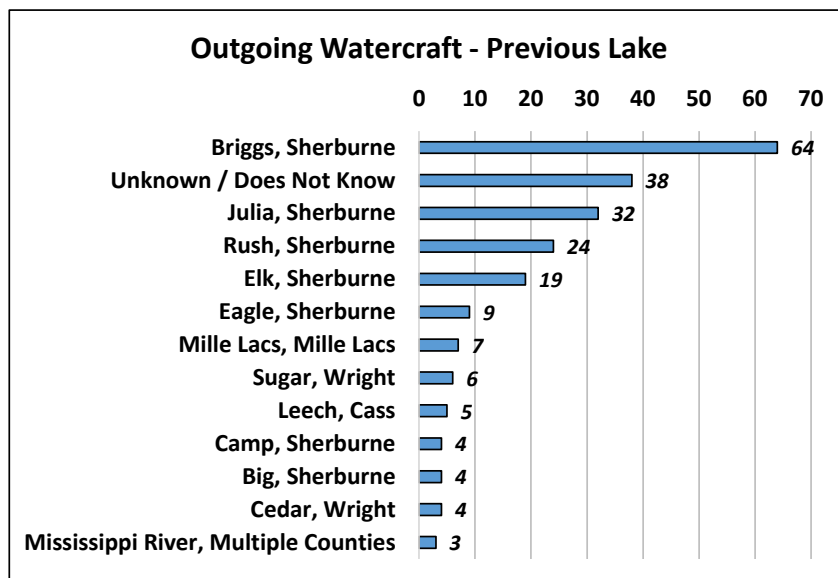


Figure 16. Top responses - previous lake for outgoing Briggs Chain watercraft.

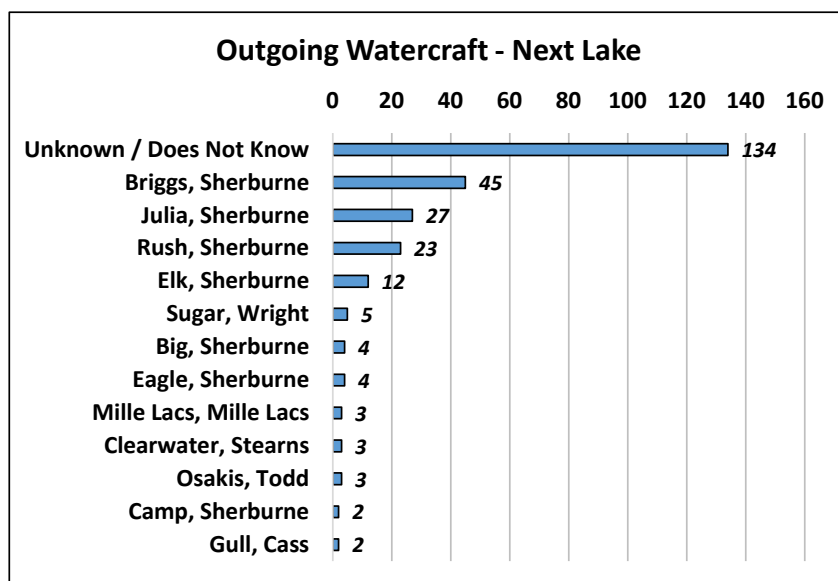


Figure 17. Top responses - next lake for outgoing Briggs Chain watercraft.