

## **New Tool for Preserving Water Quality in Fish Trap Lake: CD3 Wayside Solar**

Like most lake owners, we have been concerned about preserving our water quality and reducing invasive species. Over the past several years, our Lake Association has been investigating a cleaning station that would enable our boaters to remove weeds as they enter and exit Fish Trap Lake. We have partnered with Morrison County and the Minnesota Department of Natural Resources to identify the best approach for our lake.

In Spring of 2021, the Morrison County Board offered to pay \$30,000 towards the purchase of a solar powered CD3, a self-serve, waterless cleaning system designed to remove aquatic invasive species from boats. The CD3 system has been installed at lake access points throughout Minnesota, with the installations supported by the DNR, local governments, and other organizations. The CD3 is designed specifically for aquatic weed removal (a wet/dry vacuum cleaner, air compressor, brush, plug wrench, and weed grabber). Our grant from the County covers all but a nominal amount of the fixed cost of the unit, and the Lake Association has supported the remaining costs. Our Lake Association has also agreed to maintain the unit and pay for nominal annual maintenance costs. The Lake Improvement District (LID) will also support this effort by paying the annual cost for access to automated data analysis.

We installed our new CD3 in late September at the Fish Trap Lake access near Azure Road. The DNR worked with us to select and approve the site, which is on the initial traffic island in the parking lot. This insures access to both incoming and outgoing boaters. The DNR has agreed that if we find there are issues with traffic flow at the approved location, they will entertain allowing our association to move the CD3 to a different site. For additional information, please visit the CD3 website at [www.cd3systems.com](http://www.cd3systems.com). Please stop by our Fish Trap Lake access on Azure Road and see our new CD3 Wayside Solar station. We look forward to your feedback.