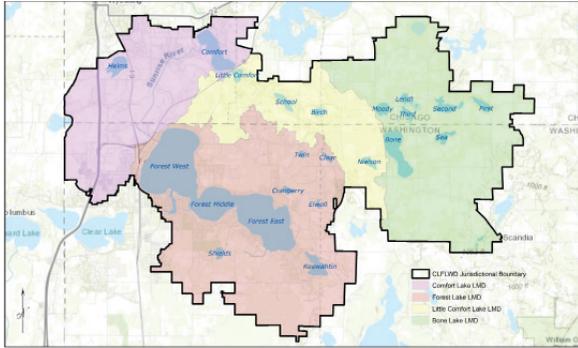


WATERSHEDS & WATERSHED DISTRICTS



COMFORT LAKE-FOREST LAKE WATERSHED DISTRICT

The Comfort Lake-Forest Lake Watershed District (CLFLWD) is a local government organization that covers 49 square miles in northern Washington and southern Chisago counties including portions of the City of Wyoming, Chisago City, Chisago Lake Township, Franconia Township, the City of Forest Lake, and the City of Scandia. Like other watershed districts, the CLFLWD geographic boundaries are determined by the flow of water.

All water within this watershed ultimately flows to one point, Comfort Lake and exits to the Sunrise River. This watershed is divided into four major lake management districts for planning and projects; Bone Lake, Forest Lake, Little Comfort Lake, and Comfort Lake. The above map depicts these four management Districts.

One of the primary goals of the District is to restore and maintain the water quality of local lakes. To do this, the District utilizes targeted monitoring, pollutant contribution data, and cost-benefit analysis to identify the most cost effective programs and projects. An example of one such project is highlighted inside this brochure.

More information about the history, management approach, and water quality improvement projects of the District can be found online at www.clflwd.org.



*Protecting and improving
your local water resources.*



Follow us on social media @CLFLWD

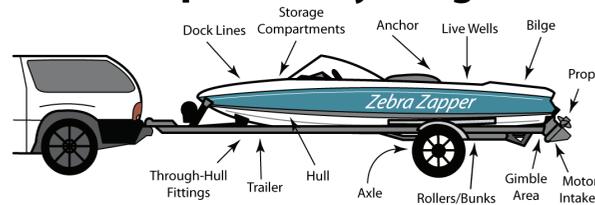


STOP AQUATIC HITCHHIKERS!™

Be A Good Steward.
Clean. Drain. Dry.

StopAquaticHitchhikers.org

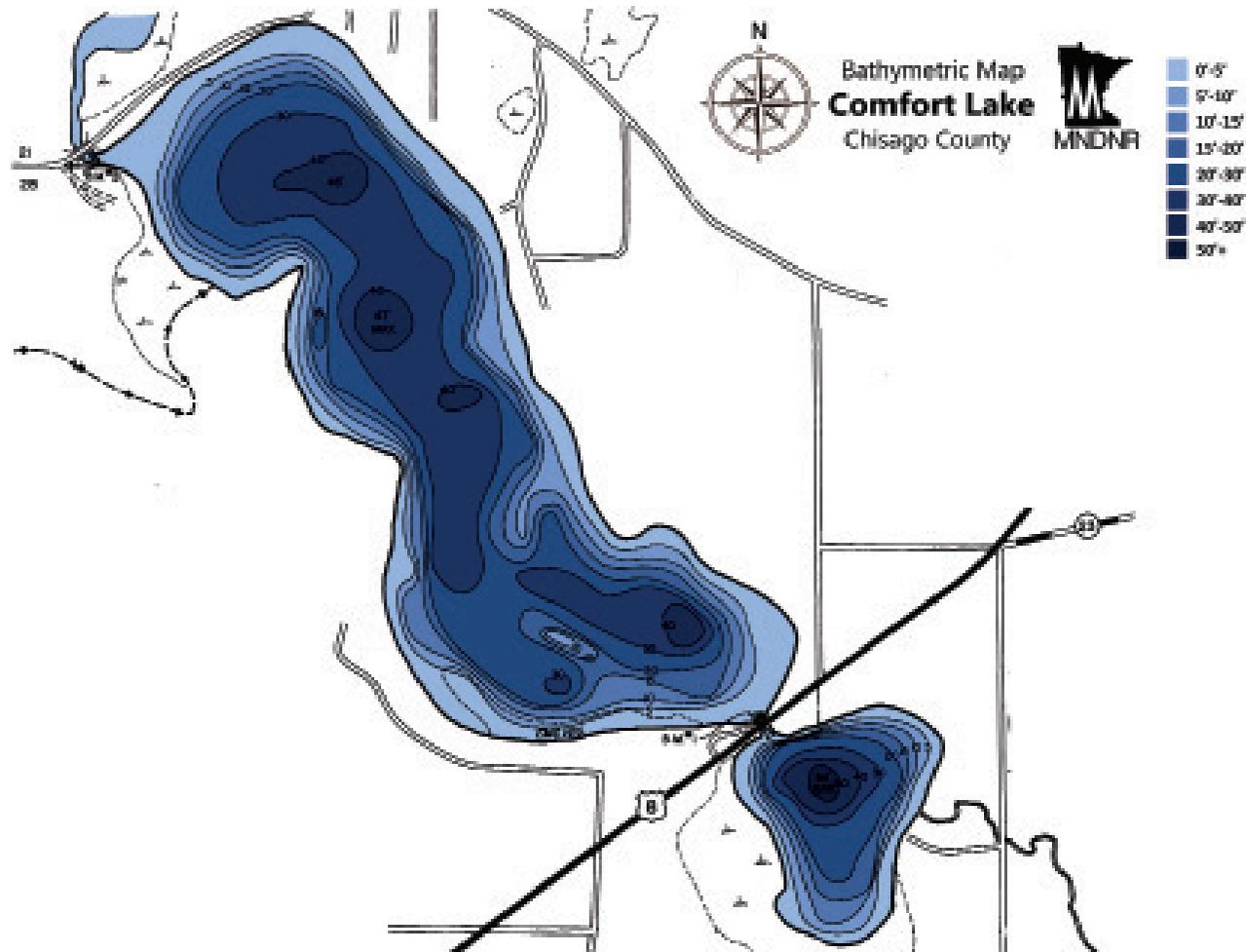
Before Leaving & Before Launching...
Inspect Everything!



COMFORT LAKE LAKE INFORMATION



Summer 2021



General Info

Name: Comfort Lake
DNR ID Number: 13005300
County: Chisago
Nearest City: Wyoming

Lake Stats

Area: 218 acres
Littoral Area: 90 acres
Shore Length: 3.24 miles
Maximum Depth: 47 feet

Water Quality Data (2020)

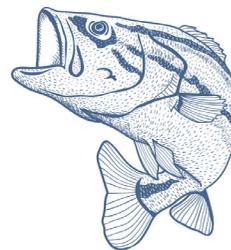
Avg. Water Quality Grade: B-
Avg. Water Clarity: 6 feet
Avg. Total Phosphorous: 31 µg/L
Monitoring Report: www.clflwd.org/data.php

Aquatic Invasive Species

Curly-leaf pondweed (*Potamogeton crispus*)
Common Carp (*Cyprinus carpio*)
Eurasian watermilfoil (*Myriophyllum spicatum*)
Zebra mussels (*Dreissena polymorpha*)

Fish Species

Bluegill
Black Crappie
Yellow Perch
Northern Pike
Walleye
Largemouth Bass
Black bullhead
Bowfin
Common Carp
Muskellunge
White Sucker



PROJECT SPOTLIGHT



Paleolimnological Study

Project Location: Comfort Lake

Description: Every Minnesota lake accumulates sediment. Since the glaciers left over 11,000 years ago most lakes have accumulated between 10 and 80 ft of sediment in their deep basins. Sediments preserve a record of physical, chemical, and biological clues of how, when, and why a lake and its watershed have changed.

University students from the University of St. Thomas worked from anchored boat or the surface of the ice to recover sediment cores. A tube is pushed into the mud which helps pull the sediment up. The Physical, chemical, and biological indicators preserved in the sediment were analyzed to reconstruct the ecological history of the lake. Some data they were able to collect through this project include an age-depth, soil type, and fossil diatoms (algae that were preserved) This information helps the District to understand the historical water quality and ecology.

Outcomes: This project helps the District understand what our lakes were like pre-development along with when and how they have changed over time. The District is able to make better informed management decisions because of this study.

Funding & Partners: This study was a collaboration of multiple partners. The Watershed District partnered with the St. Croix Watershed Research Station, the Science Museum on MN, and the University of St. Thomas.



Learn more about this exciting project and others online at www.clflwd.org/projects.php