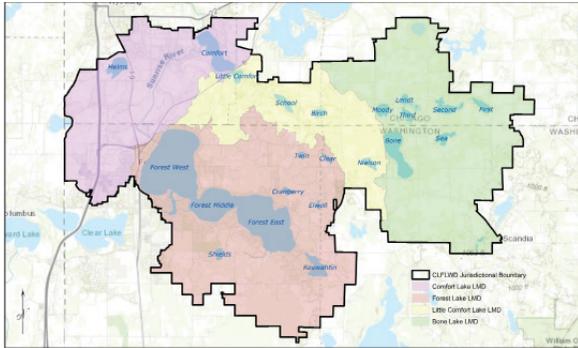


## WATERSHEDS & WATERSHED DISTRICTS



### 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](http://www.clflwd.org).



*Protecting and improving  
your local water resources.*



Follow us on social media @CLFLWD

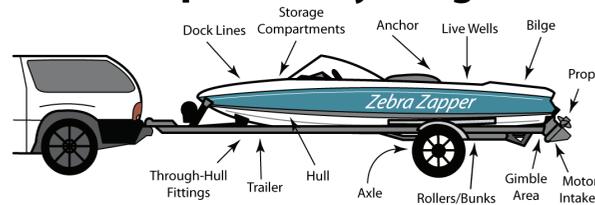


## STOP AQUATIC HITCHHIKERS!™

Be A Good Steward.  
Clean. Drain. Dry.

[StopAquaticHitchhikers.org](http://StopAquaticHitchhikers.org)

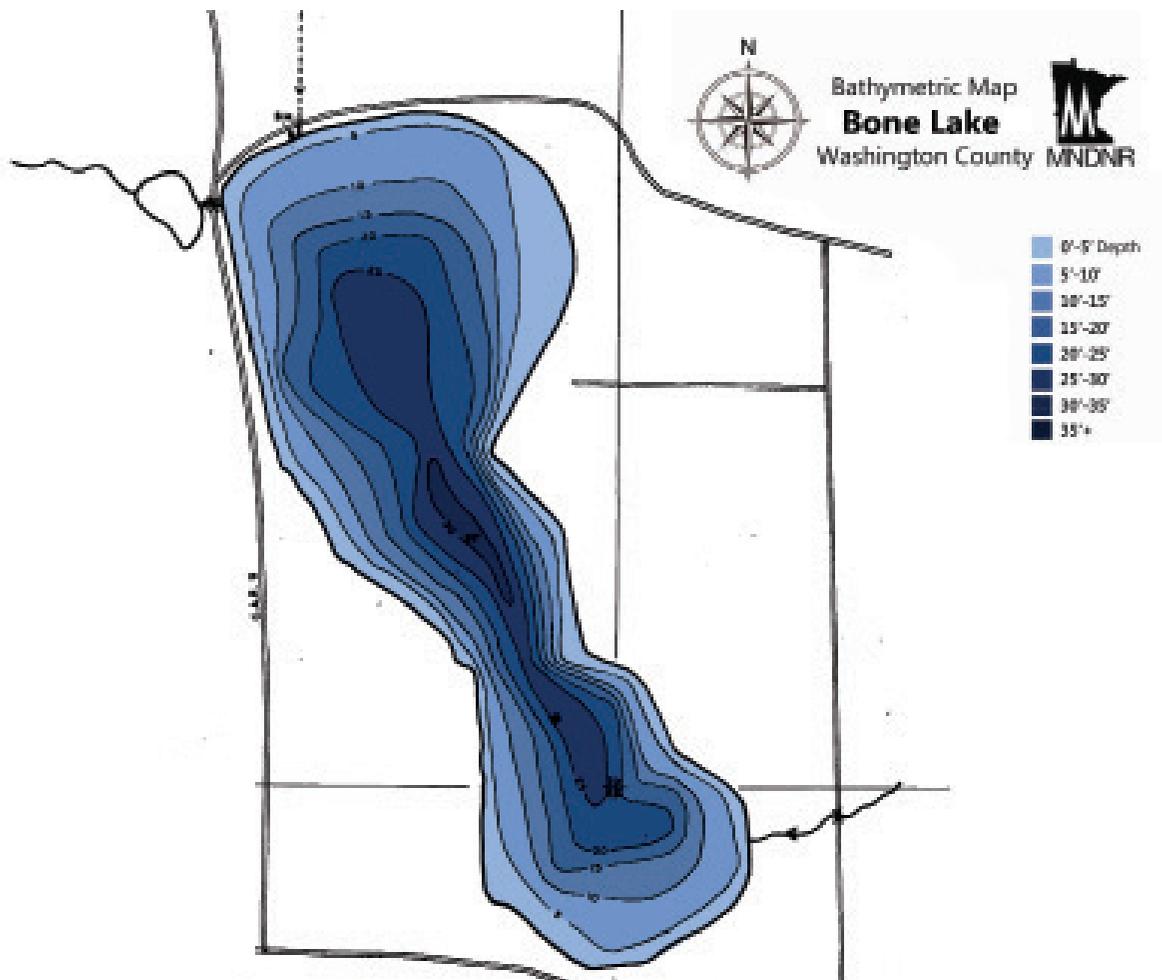
Before Leaving & Before Launching...  
**Inspect Everything!**



# BONE LAKE LAKE INFORMATION



Summer 2021



## PROJECT SPOTLIGHT

### Northeast Bone Lake Wetland Restoration

**Project Location:** NE corner of Bone Lake near the junction of 238th St N and Melanie Trail North (Scandia)

**Description:** Wetlands serve many valuable purposes. One of which is to act as a water filter, removing nutrients such as phosphorus, that can be harmful in excess. But if they get overloaded with nutrients, no longer able to filter, they can become a source of pollution. This wetland has succumbed to this exact issue due to the dumping of manure from a dairy farm that operated near the wetland in the 1950s-70s. The decomposing manure is slowly releasing nutrients that negatively impacts the water quality of both the wetland and Bone Lake. Excess nutrients, like phosphorus, are a major factor in water quality degradation. Just one pound of phosphorus can support up to 500 pounds of algae growth!

Not only will this project restore a wetland, but it will also rehabilitate a nearby agricultural field. Phosphorus rich sediments excavated from the wetland will be used to rehabilitate soils on the field that have been depleted from years of poor land management practices.

**Outcomes:** This project is estimated to reduce watershed phosphorus loads to Bone Lake by 15 lb/yr. The District plans to implement the project during the winter of 2021/2022.

**Funding & Partners:** The Comfort Lake - Forest Lake Watershed District received a Clean Water Fund (CWF) grant in the amount of \$ 171,200.00 to remove these manure laden sediments, restore the wetland, and rehabilitate the Ag. field.



Learn more about this exciting project and others online at [www.cflwd.org/projects.php](http://www.cflwd.org/projects.php)

### General Info

**Name:** Bone Lake  
**DNR ID Number:** 82005400  
**County:** Washington  
**Nearest City:** Forest Lake

### Lake Stats

**Area:** 221 acres  
**Littoral Area:** 124 acres  
**Shore Length:** 3.01 miles  
**Maximum Depth:** 30 feet

### Water Quality Data (2020)

**Avg. Water Quality Grade:** B-  
**Avg. Water Clarity:** 5.8 feet  
**Avg. Total Phosphorous:** 26 µg/L  
**Monitoring Report:** [www.cflwd.org/data.php](http://www.cflwd.org/data.php)

### Aquatic Invasive Species

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

### Fish Species

**Bluegill**  
**Black Crappie**  
**Yellow Perch**  
**Largemouth Bass**  
**Yellow Bullhead**  
**Northern Pike**  
**Black Bullhead**  
**Golden Shiner**  
**Walleye**  
**Common Carp**  
**Bowfin**

