



Overall Health of Wing Lake

Water quality of Wing Lake is poor, with average nutrient levels higher than state standards for shallow lakes. Phosphorus is the nutrient that fuels algae and plant growth. Too much phosphorus can lead to unwanted algae blooms in a lake. The high levels of phosphorus in Wing Lake have allowed for algae to grow. Algae has decreased water clarity and water quality of Wing Lake. Overall, the high nutrient levels and presence of algae in Wing Lake indicate poor water quality.

Wing Lake is a Citizen-Assisted Monitoring Program (CAMP) lake. Citizen volunteers collect water samples which are analyzed by the Met Council. This data is used to supplement District monitoring data. Thank you to our CAMP volunteers.

*Wing Lake, Minnetonka
Photo by J. Albers*



Wing Lake Projects

The District has completed a water quality study for the Holiday-Wing-Rose chain of lakes. We are currently investigating the potential management activities that were recommended from the water quality study. Implementing these projects will improve the health of Wing Lake and the other two lakes in the chain.

The District has also helped fund several best management projects near Wing Lake, including raingardens, shoreline buffers, habitat restorations, and more. These projects help reduce runoff that enters Wing Lake.

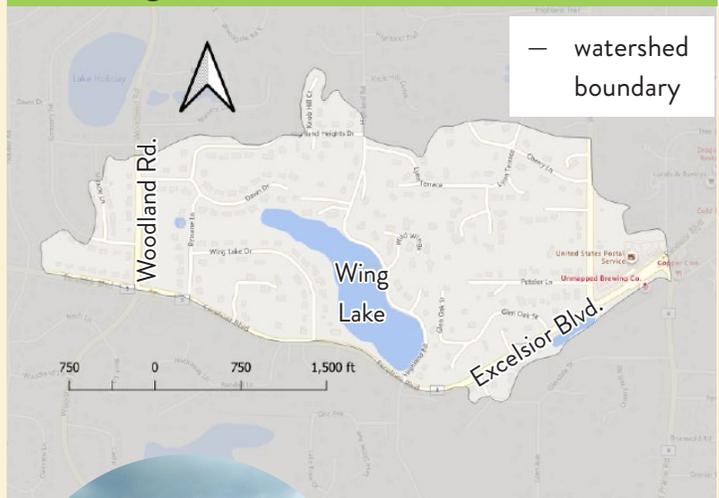


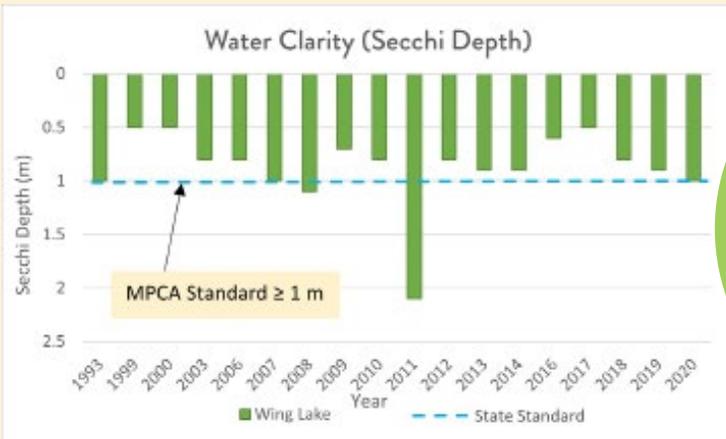
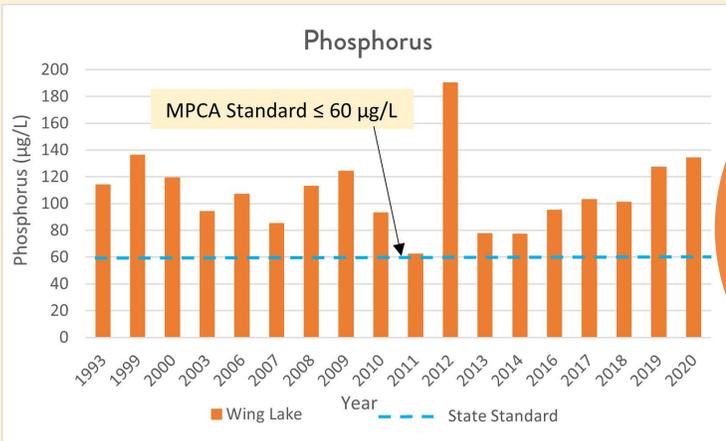
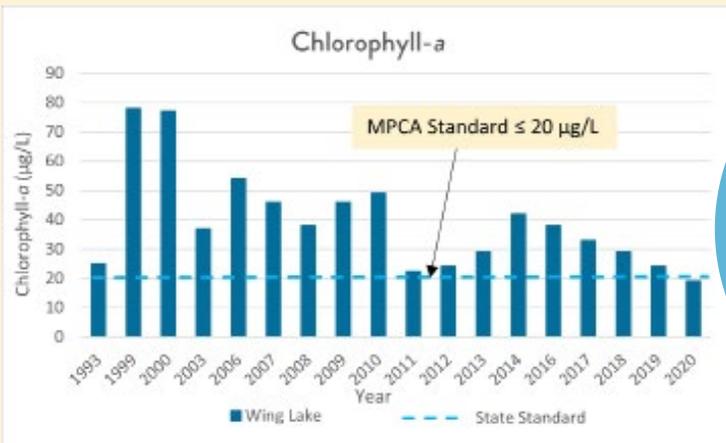
Wing Lake, Minnetonka

Lake Characteristics

Surface Area	14 acres
Average Depth	4 feet
Watershed Size	197 acres
Location	Minnetonka
Invasive Species	Curly-leaf pondweed Purple loosestrife

Wing Lake Watershed





What is Chlorophyll-a?
 Chl-a is the chemical that makes algae green. High levels of chl-a can mean that there is too much algae in the water. The recent lower levels of chl-a in Wing Lake indicate that water quality is improving.

What is Phosphorus?
 Phosphorus is a nutrient that algae need to grow. Too much phosphorus can “over-feed” algae in a lake, which can lead to algae blooms. Wing Lake’s high phosphorus levels indicate poor water quality.

What is Secchi Depth?
 Secchi Depth is a measurement of water clarity. To take the measurements, a Secchi disk is lowered into the water until it is no longer visible. These low Secchi depth values indicate poor water clarity.

Recreation

- Fishing**
Wing Lake does not have public fishing.
- Walking & Biking**
Wing Lake does not have walking or biking trails.
- Parks**
Wing Lake does not have nearby parks.
- Swimming**
No public swimming beach.
- Boating**
Wing Lake does not have public boat access.

Learn more:
ninemilecreek.org

How Can You Help?

1

Clean watercraft and water equipment of all aquatic plants and mussels before leaving a body of water.
Why?
 It is important to clean water equipment to reduce the spread of invasive species.

2

Sweep up leaves, grass clippings, and excess fertilizer from driveways and streets.
Why?
 Sweeping up yard waste will limit the amount of pollution that enters lakes through storm drains.

3

Dispose of trash and pet waste appropriately.
Why?
 Picking up your trash and pet waste will help keep pollutants out of our lakes and creeks.

4

Plant native plants in your garden, and water with care.
Why?
 Native plants have long roots that are more efficient at soaking up water and prevent runoff.