



Overall Health of Lake Rose

Water quality of Lake Rose is improving. Phosphorus, which is the nutrient that fuels algae and plant growth is still higher than the state standard, but is decreasing. Better yet, chlorophyll-a and secchi depth met the state standard in 2020.

Improved plant diversity also indicates improved lake health. 12 different aquatic plant species were catalogued in Lake Rose during aquatic plant surveys. Overall, Lake Rose's health is improving, but still impaired with high levels of phosphorus.



Lake Rose, Minnetonka in June

Lake Rose Projects

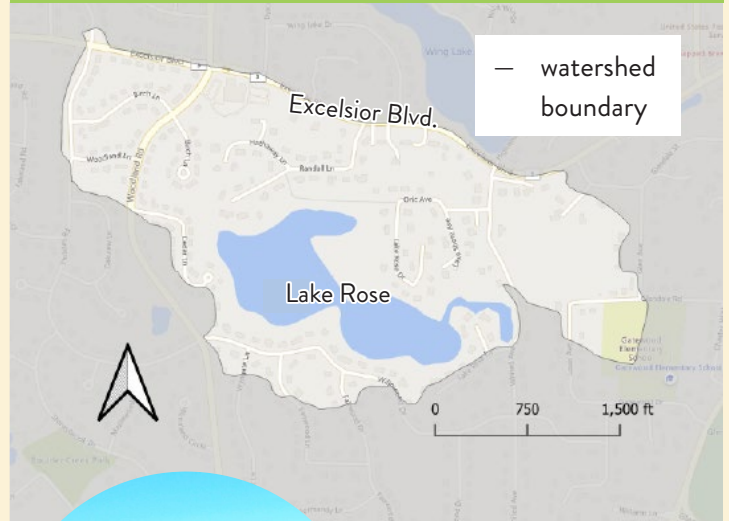
The District has completed a water quality study for the Holiday-Wing-Rose chain of lakes. We are currently investigating the potential management activities that were recommended from the water quality study. Implementing these projects will improve the health of Lake Rose and the other two lakes in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

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

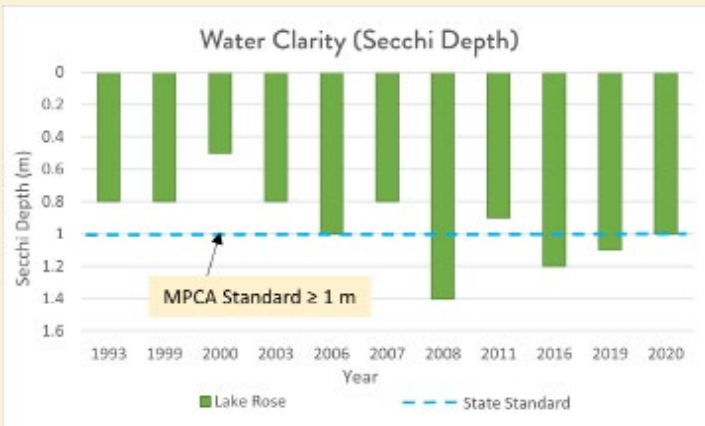
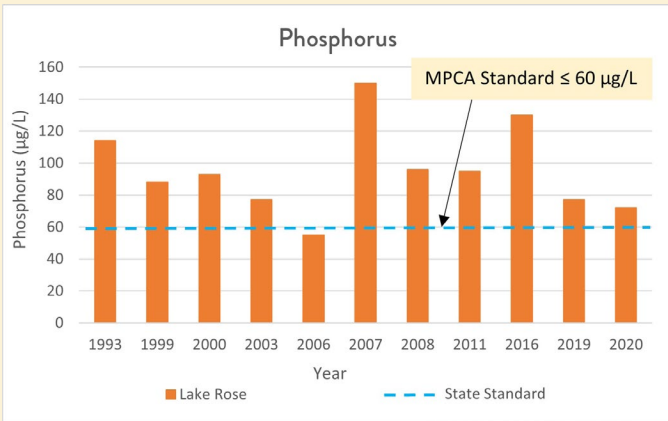
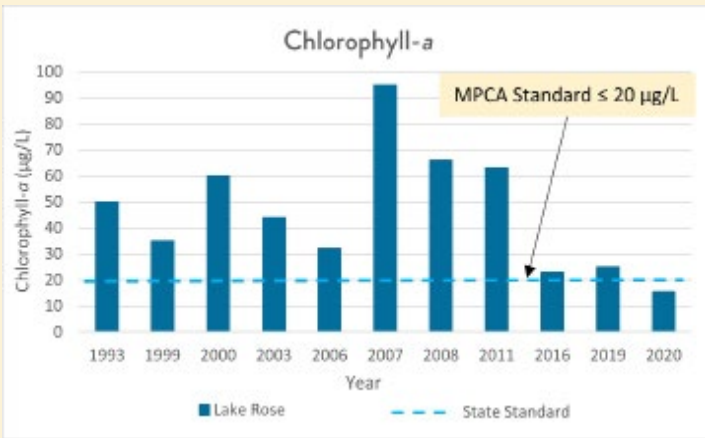
Lake Characteristics

Surface Area	27 acres
Average Depth	4 feet
Watershed Size	187 acres
Location	Minnetonka
Invasive Species	Curly-leaf pondweed Purple loosestrife

Lake Rose Watershed



Lake Rose, Minnetonka in August



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 low levels of chl-a in Lake Rose indicate that water quality is better.

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. Lake Rose’s higher phosphorus levels indicate poorer 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 isn’t visible. The higher Secchi depth values in recent years indicate better water clarity.

Recreation

Fishing
 Lake Rose does not have public fishing.

Walking & Biking
 Lake Rose does not have trails.

Parks
 There are no parks near Lake Rose.

Swimming
 No public swimming beach.

Boating
 Lake Rose 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.