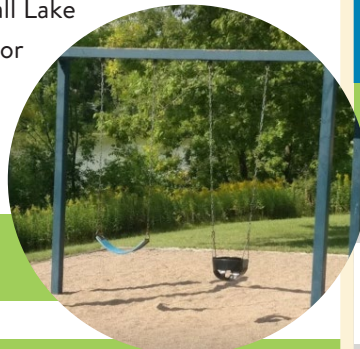




Overall Health of Lake Holiday

Water quality of Lake Holiday 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 Lake Holiday have allowed for algae to grow. Algae has decreased water clarity and water quality of the lake. Although more nutrients generally lead to more algal and plant growth, more nutrients do not guarantee more plant diversity. Monitoring teams only catalogued six different plant species in the 2020 plant survey. Two of the six plants were invasive species. Overall Lake Holiday's water quality is poor and its plant diversity is also poor with invasive species present.



*Lake Holiday Park
Minnetonka, MN*

Lake Holiday Projects

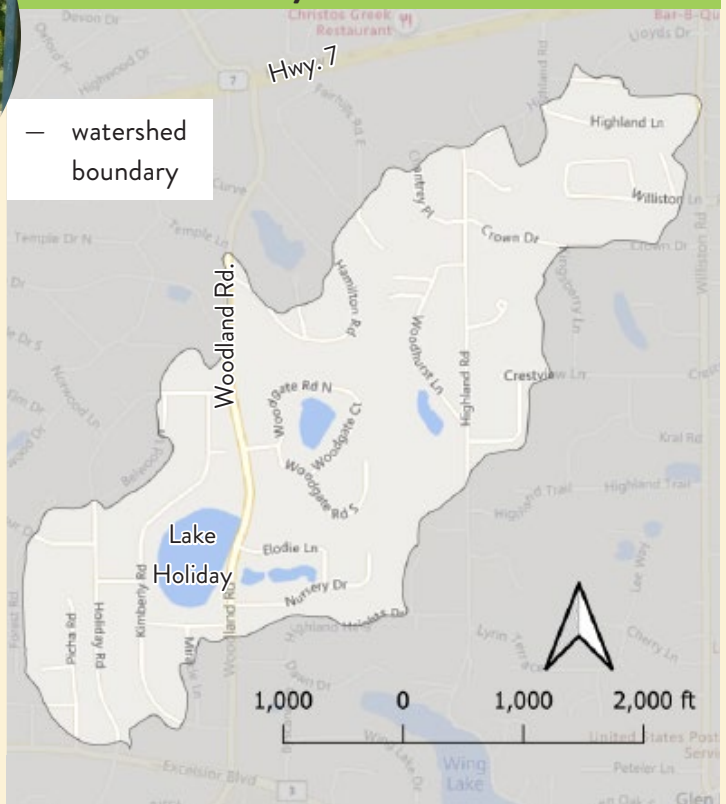
The District has completed a water quality study for the Holiday-Wing-Rose chain of lakes. We are currently investigating the potential management activities that were recommended from the water quality study. Implementing these projects will improve the health of Lake Holiday and the other two lakes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

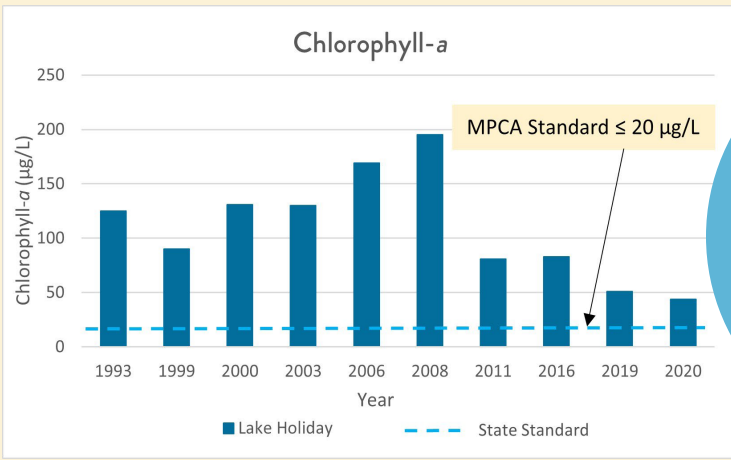
The District has also helped fund several best management projects near Lake Holiday, including raingardens, shoreline buffers, habitat restorations, and more. These projects help reduce runoff that enters Lake Holiday.

Lake Characteristics

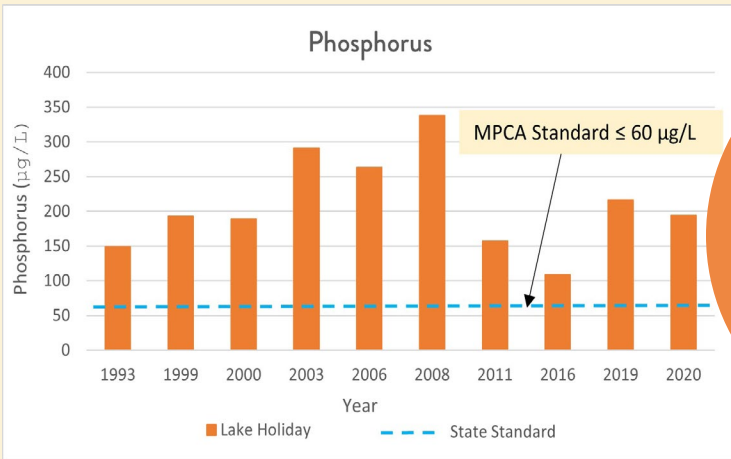
Surface Area	8 acres
Average Depth	3.7 feet
Max Depth	7 feet
Watershed Size	291 acres
Location	Minnetonka
Invasive Species	Purple loosestrife Curly-leaf pondweed

Lake Holiday Watershed

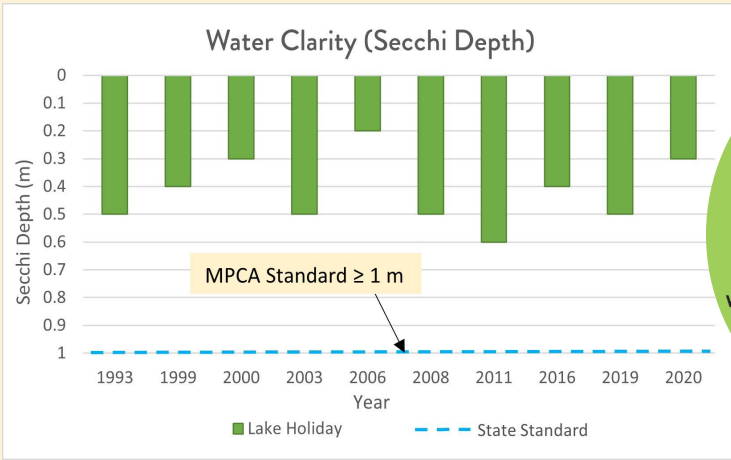




What is Chlorophyll-a?
 Chl-a is the chemical that makes algae green. High levels of chl-a can mean that there is too much algae in the water. The higher levels of chl-a in Lake Holiday indicate that water quality is poor.





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 Holiday'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  Lake Holiday does not have public access for fishing.

Walking & Biking  Lake Holiday does not have public trails.



Parks  Holiday Lake Park has a swing set.


Swimming  No public swimming beach.

Boating  Lake Holiday 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.