



Overall Health of Lake Holiday

Water quality of Lake Holiday is poor, with average nutrient levels higher than state standards for shallow lakes. Phosphorous is the nutrient that fuels algae and plant growth. Too much phosphorous can lead to unwanted algae blooms in a lake. The high levels of phosphorous 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*

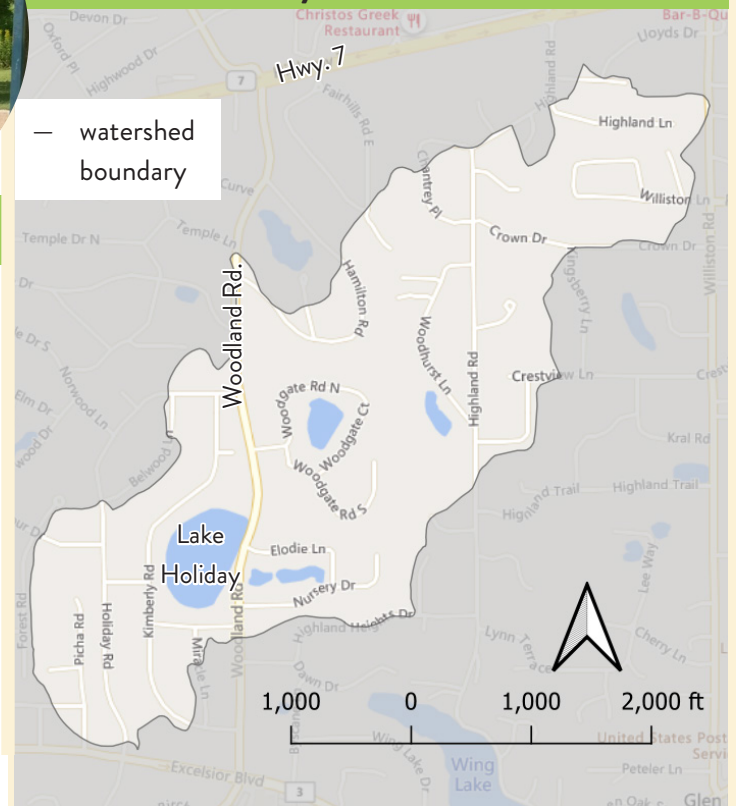
Lake Holiday Projects

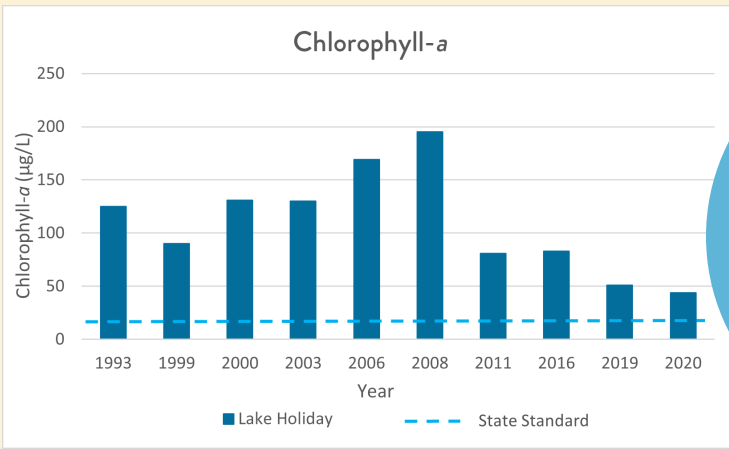
The Nine Mile Creek Watershed District has not conducted any major water quality improvement projects on Lake Holiday. Currently, Nine Mile Creek Watershed District does not have a water quality improvement project planned for Lake Holiday. The District has helped fund several best management projects near Lake Holiday. Best management projects include raingardens, shoreline buffers, habitat restorations, and more. These projects help reduce runoff that enters Lake Holiday.

Lake Characteristics

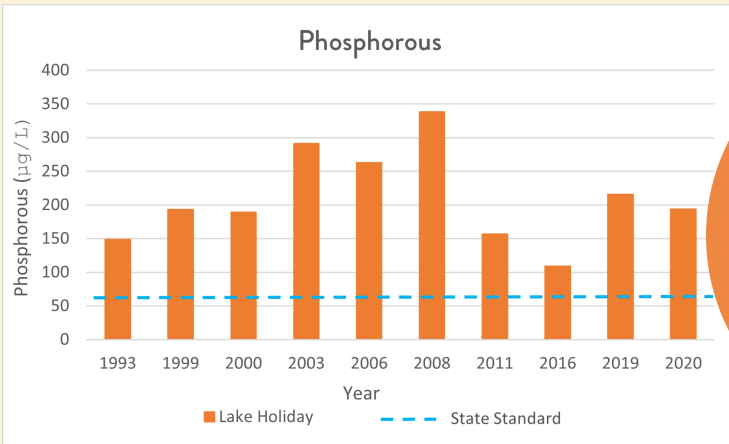
Surface Area	8 acres
Average Depth	3.7 feet
Max Depth	7 feet
Watershed Size	291 acres
Location	Minnetonka
Invasive Species	Purple loosestrife Curly-leaf pondweed

Lake Holiday Watershed

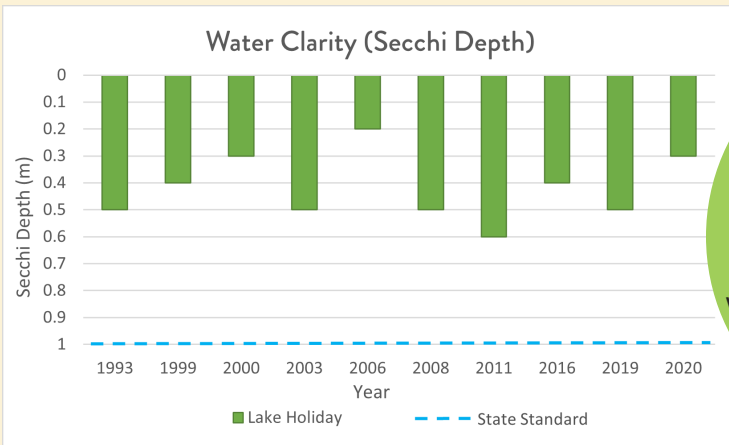




What is Chlorophyll-a?
 Chl-a is the chemical that makes algae green. High levels of chl-a can mean that there is too much algae in the water. The higher levels of chl-a in Lake Holiday indicate that water quality is poor.





What is Phosphorous?
 Phosphorous is a nutrient that algae need to grow. Too much phosphorous can “over-feed” algae in a lake, which can lead to algae blooms. Lake Holiday’s high phosphorous 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.