



9 MILE CREEK WATERSHED DISTRICT

GLEN LAKE FACT SHEET

Overall Health of Glen Lake

Water quality of Glen Lake is good, with average nutrient levels better than state standards. Phosphorus is the nutrient that fuels algae and plant growth. Phosphorus loading has caused some blue-green algae blooms, but algal toxins were below public health advisory levels. Latest aquatic plant surveys have shown that the lake is healthy with up to 18 different species present. Overall, Glen lake is healthy with no water impairments listed.



Regular lake water clarity monitoring

Glen Lake Projects

In 2006, the District completed construction on three stormwater detention ponds to treat stormwater before it reached Glen Lake. The goal of this project was to reduce phosphorus entering Glen Lake conditions. These improvements were part of the larger Minnetonka Lakes Water Quality Improvement Project.

The benefits of the project resulted in improved treatment of urban stormwater runoff, reducing the amount of phosphorus and nitrogen reaching Glen Lake from the surrounding areas.

Glen Lake, Minnetonka

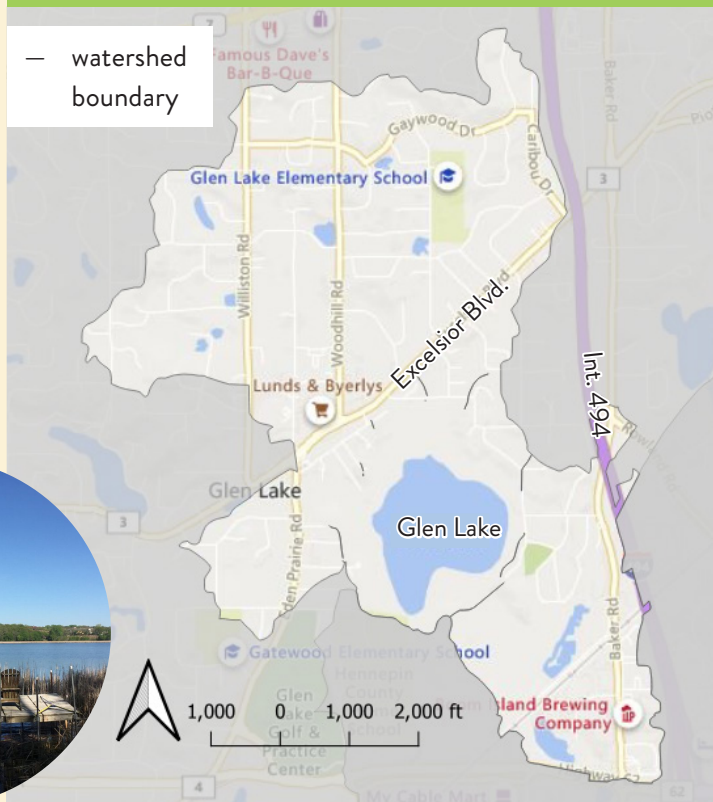


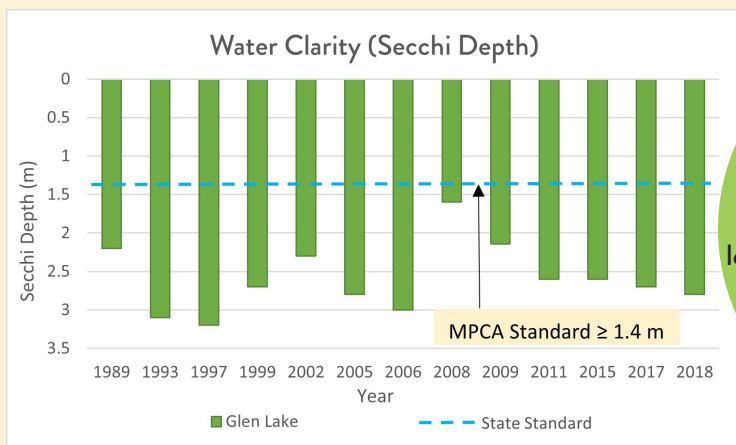
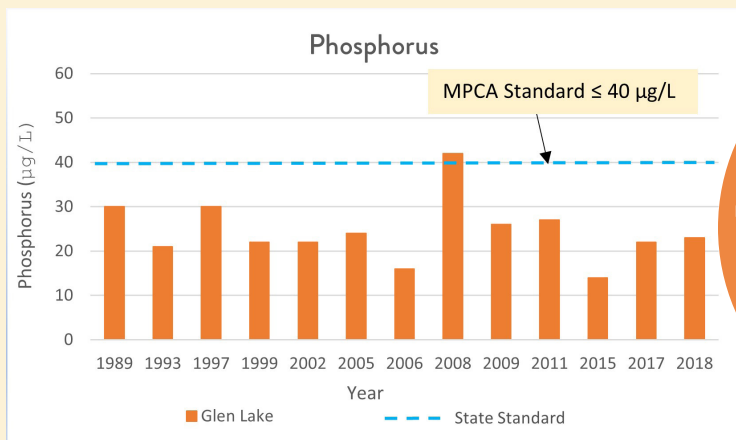
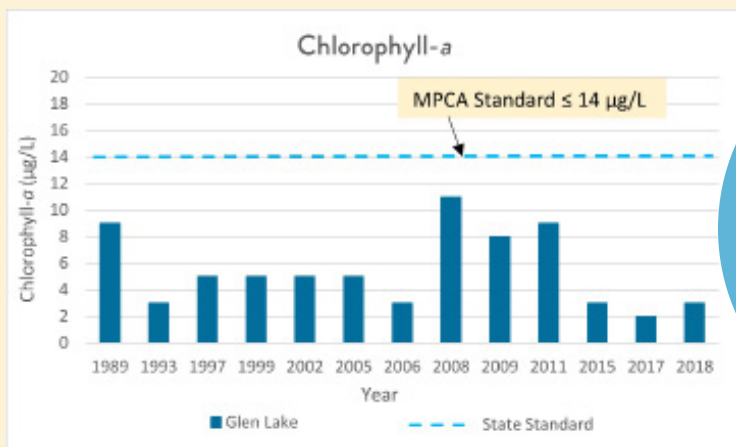
Lake Characteristics

Surface Area	98 acres
Average Depth	8 feet
Max Depth	25 feet
Watershed Size	1059 acres
Location	Minnetonka
Invasive Species	No invasive species known to be present

Glen Lake Watershed

— watershed boundary





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 lower levels of chl-a in Glen Lake indicate that water quality is good.

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. Glen Lake’s low phosphorus levels indicate good 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 high Secchi depth values indicate good water clarity.

Recreation

Fishing
 Glen Lake does not have public access for fishing.

Walking & Biking
 Nearby Kinsel Park has 0.6 miles of trails including a 600ft boardwalk.

Parks
 Kinsel Park, on the north side of Glen Lake, has a picnic area and shelter

Swimming
 No public swimming beach.

Boating
 There is no public boat launch on Glen Lake.

Learn more:
ninemilecreek.org

How Can You Help?



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.



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.



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.



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.