

UNIVERSITY OF MINNESOTA SOUTH CENTER LAKE ALGAE RESEARCH PROJECT



The University of Minnesota installed water quality monitoring buoys on South Center Lake as part of the Sentinel Lakes Program to collect information on algae and to find out how algae blooms develop in MN lakes. South Center Lake is one of twenty-five lakes in the MN Department of Natural Resource's (DNR) Sentinel Lakes Program. The program monitors and records biological and chemical changes in lakes that represent MN's most common lakes. The goal is to gather information to develop management plans to reduce impacts caused by development, aquatic plant removal, invasive species and climate change.

Partners:

- University of Minnesota Sentinel Lakes Program
- Minnesota DNR

To learn more about the algae research project, visit blog-water-resources.extension.umn.edu/2017/05/south-center-lake-research-station.html.

To learn more about the Sentinel Lakes Program, visit www.dnr.state.mn.us/fisheries/slice/description.html.



In the Dinosaur section of the Science Museum of Minnesota you'll find the display "Dredging up history and zombies at the bottom of our lakes." Specifically, South Center Lake.

The display explains how taking core samples from the mud and muck of lake bottoms allows scientists to analyze the biological and chemical changes of different core levels to learn what was happening in the lake at that moment in time. The display shows the lake core of South Center Lake from 1860 to 2015.

To learn more, visit www.smm.org.



LAKE IMPROVEMENT DISTRICT