

Wisconsin Department of Natural Resources

Silver Lake - Deep Hole 2021 Results



Eutrophic Mesotrophic Oligotrophic

Silver Lake - Deep Hole was sampled 1 day during the 2021 season. Parameters sampled included:

- total phosphorus
- chlorophyll

Chemistry data was collected on Silver Lake - Deep Hole. The average summer Chlorophyll was 6.4 µg/l (compared to a Southeast Georegion summer average of 22.4 µg/l). The summer Total Phosphorus average was 30.4 µg/l. Lakes that have more than 20 µg/l and impoundments that have more than 30 µg/l of total phosphorus may experience noticeable algae blooms.

The overall Trophic State Index (based on chlorophyll) for Silver Lake - Deep Hole was 49. The TSI suggests that Silver Lake - Deep Hole was **mesotrophic**. Mesotrophic lakes are characterized by moderately clear water, but have an increasing chance of low dissolved oxygen in deep water during the summer.