

Private Lake Reports 2024

2025-03-17

Lakes

14 Tishomingo
21 Goose Creek
96 Fellows
18 & 112 Capri /Shayne
274 Alpine Lake
120 Winnebago
169 Gopher
411 Cedar Lake (HOA)
11 Peaceful Valley
134 Jamesport City Lake

Introduction

copy from previous ind lake reports

Results

1. TN & TP
 - add monthly average concentrations for the lake
 - add statewide limit for lakes (make a line)
2. Cyanotoxins
 - add four toxins in the same graph
 - add description of the toxins and what they do (risks)
3. Water Clarity
 - graph of chlorophyll A
 - not sure we need secchi depth but can add if needed
 - make sure the basic understanding is - more chlorophyll means x, and that is why secchi is lower as chlorophyll increases
4. YSI Profiles
 - if we include any I think it should be temp and DO to show the thermocline
 - maybe possible outcomes of climate change? ex. less turnover -> less DO mixing -> harmful for aquatic life
5. Trophic State
 - table with state criteria
 - ID lake (oli, meso, eut, hypereut) based on avg summer P, N, Chl, Secchi

Summary

say if it was average from state or lower or higher. add anything that stood out or to look for going forward.

Reference

add references here