

DEP Algal Taxonomy Summary Report

Date Reported: 08-NOV-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-18-57 Collector: RR, TT
Event ID: WQAP-2021-11-05-01 Date Collected: 11/4/2021 9:10:00 AM
LIMS Sample ID: 2288372 Date Received: 11/5/2021 9:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Speer - SE Boat Ramp Sample Preservation: ICE
Field ID: HABOC0006 - LakeSpeer Analyst: Rachael Dragon
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample was clear with specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Eudorina elegans</i>		
Euglenophyceae		
<i>Trachelomonas sp.</i>		
Dinophyceae		
<i>Glenodinium sp.</i>		

* Information based on literature searches and personal communication; information is continually being updated. "Undetermined" refers to specimens for which the lowest practical level of taxonomic identification is genus and some, but not all, species within that genus have the potential to produce toxins or toxin information not available for the identified species but is available for genus level.