

DEP Algal Taxonomy Summary Report

Date Reported: 02-DEC-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-18-57 Collector: Mike Drennan
Event ID: WQAP-2021-12-01-02 Date Collected: 11/30/2021 9:30:00 AM
LIMS Sample ID: 2291855 Date Received: 12/1/2021 10:25:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Anderson - Center Sample Preservation: ICE
Field ID: HABOC0004_LakeAnderson Analyst: Rachael Dragon
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Chroococcus dispersus</i>		
<i>Aphanothece sp.</i>		
<i>Merismopedia tenuissima</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	

Chlorophyceae

Oocystis sp.
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus perforatus
Crucigenia apiculata
Coelastrum sp.
Staurastrum sp.
Euastrum sp.

Dinophyceae

Glenodinium sp.

Cryptophyceae

Chroomonas sp.

* 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.