

DEP Algal Taxonomy Summary Report

Date Reported: 27-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-21-11 Collector: Victoria Schwartz/Katie March
Event ID: WQAP-2022-04-26-02 Date Collected: 4/25/2022 1:24:00 PM
LIMS Sample ID: 2321871 Date Received: 4/26/2022 9:23:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Sue - Lakeshore Dr. West Lobe Sample Preservation: ICE
Field ID: HABCE0110_LakeSue1 Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with some specks. Diatoms were present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea sp.</i>		
<i>Aphanothece sp.</i>		
<i>Aphanocapsa sp.</i>	Undetermined	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Tetraedron minimum</i>		
<i>Kirchneriella obesa</i>		
<i>Pediastrum obtusum</i>		
<i>Scenedesmus bijuga</i>		
<i>Scenedesmus bicaudatus</i>		
<i>Crucigenia quadrata</i>		
<i>Botryococcus braunii</i>		
<i>Staurastrum 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.