

DEP Algal Taxonomy Summary Report

Date Reported: 25-OCT-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-17-26 Collector: Leif Bowman, Denver Bourassa
Event ID: CEN-DIST-2023-10-25-01 Date Collected: 10/24/2023 1:01:00 PM
LIMS Sample ID: 2446985 Date Received: 10/25/2023 9:48:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Underhill-Boat Ramp Sample Preservation: ICE
Field ID: HABCE0216 Analyst:
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Oscillatoria sp.</i>	Undetermined	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Jaaginema sp.</i>		
<i>Geitlerinema sp.</i>		
Chlorophyceae		
<i>Staurostrum 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.