

DEP Algal Taxonomy Summary Report

Date Reported: 18-JUL-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-26-52 Collector: Matt Bearden, Jessie Atchison
Event ID: CEN-DIST-2023-07-14-02 Date Collected: 7/13/2023 10:17:00 AM
LIMS Sample ID: 2424026 Date Received: 7/14/2023 9:22:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Pioneer Lake - NE Shore Sample Preservation: ICE
Field ID: HABCE0190_PioneerLake 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	
Chlorophyceae		
<i>Eudorina sp.</i>		
<i>Botryococcus braunii</i>		
<i>Euastrum 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.