

DEP Algal Taxonomy Summary Report

Date Reported: 22-DEC-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-12-06-11 Collector: Leif Boman/Kate March
Event ID: WQAP-2021-12-21-01 Date Collected: 12/20/2021 10:54:00
LIMS Sample ID: 2296250 Date Received: 12/21/2021 10:24:00
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena - Near Leu Gardens Sample Preservation: ICE
Field ID: HABCE0102_LakeRowena4 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>Cylindrospermopsis raciborskii</i>	Yes	
Chrysophyceae		
<i>Dinobryon sertularia</i>		
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Pediastrum duplex</i>		
<i>Scenedesmus abundans</i>		
<i>Crucigenia crucifera</i>		
Euglenophyceae		
<i>Euglena 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.