

DEP Algal Taxonomy Summary Report

Date Reported: 27-AUG-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-08-02-13 Collector: Elizabeth Bates, Victoria Schwartz
Event ID: WQAP-2021-08-26-02 Date Collected: 8/25/2021 12:25:00 PM
LIMS Sample ID: 2272082 Date Received: 8/26/2021 9:23:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena - NE Corner Sample Preservation: ICE
Field ID: HABCE0085_LakeRowena2 Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with some specks. Diatoms were present.
Approximately 75% of the sample was cyanobacteria.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Merismopedia tenuissima</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	

Chlorophyceae

<i>Chlamydomonas sp.</i>		
<i>Westella botryoides</i>		
<i>Pediastrum sp.</i>		
<i>Staurastrum sp.</i>		
<i>Cosmarium sp.</i>		

Euglenophyceae

<i>Phacus sp.</i>		
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Dinophyceae

<i>Glenodinium sp.</i>		
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* 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.