

DEP Algal Taxonomy Summary Report

Date Reported: 04-OCT-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-03-19 Collector: Katie March, Victoria Schwartz
Event ID: CEN-DIST-2023-10-03-01 Date Collected: 10/2/2023 11:02:00 AM
LIMS Sample ID: 2441953 Date Received: 10/3/2023 9:12:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena-near NE corner Sample Preservation: ICE
Field ID: HABCE0057 Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	
Chlorophyceae		
<i>Chlamydomonas</i> sp.		
<i>Scenedesmus acuminatus</i>		
Euglenophyceae		
<i>Phacus</i> sp.		

* 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.