

DEP Algal Taxonomy Summary Report

Date Reported: 24-AUG-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-26-38 Collector: Terry Riordan, Leif Boman
Event ID: CEN-DIST-2023-08-22-01 Date Collected: 8/21/2023 11:21:00 AM
LIMS Sample ID: 2432432 Date Received: 8/22/2023 9:25:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena - near NE corner Sample Preservation: ICE
Field ID: HABCE0057 Analyst: Isaura Lorenzo-Perez
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>Snowella</i> sp.		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Monoraphidium</i> sp.		
<i>Closterium</i> sp.		
<i>Staurostrum</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.