

DEP Algal Taxonomy Summary Report

Date Reported: 04-AUG-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-26-38 Collector: Terry Riordan, Jessie Atchison
Event ID: CEN-DIST-2023-08-01-01 Date Collected: 7/31/2023 11:07:00 AM
LIMS Sample ID: 2427698 Date Received: 8/1/2023 9:08:00 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 co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*. The water was clear with specks present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Snowella</i> sp.		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Jaaginema gracile</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

Chlamydomonas sp.
Scenedesmus bijuga

Dinophyceae

Glenodinium 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.