

DEP Algal Taxonomy Summary Report

Date Reported: 06/03/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-05-17-30 Collector: Elizabeth Bates, Leif Boman
Event ID: WQAP-2021-06-03-02 Date Collected: 6/2/2021 2:15:00 PM
LIMS Sample ID: 2251776 Date Received: 6/3/2021 9:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena - NE Corner Sample Preservation: ICE
Field ID: HABCE0085_LakeRowena2 Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Pediastrum duplex
Scenedesmus bijuga
Scenedesmus arcuatus
Cosmarium sp.

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.