

DEP Algal Taxonomy Summary Report

Date Reported: 30-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-05-22-61	Collector: Katie M, Victoria S
Event ID: WQAP-2023-05-26-01	Date Collected: 5/25/2023 11:37:00 AM
LIMS Sample ID: 2412983	Date Received: 5/26/2023 9:20:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Rowena near NE corner	Sample Preservation: ICE
Field ID: HABCE0057_LakeRowena	Analyst: Isaura Lorenzo-Perez
Sample Notes: The dominant taxon was Microcystis aeruginosa. The water was clear with specks present. The algae appeared alive and healthy.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Coelosphaerium kuetzingianum</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	

Chlorophyceae

- Chlamydomonas* sp.
- Monoraphidium* sp.
- Scenedesmus bijuga*
- Staurostrum* 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.