

DEP Algal Taxonomy Summary Report

Date Reported: 14-APR-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-03-20-10 Collector: Jessie Atchison, Victoria Schwartz
Event ID: WQAP-2023-04-13-02 Date Collected: 4/12/2023 12:36:00 PM
LIMS Sample ID: 2400066 Date Received: 4/13/2023 9:09:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Maitland - Kraft Azalea Garden Sample Preservation: ICE
Field ID: HABCE0177_LakeMaitland2 Analyst:
Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Planktolyngbya limnetica*. The sample water was clear with specks.
Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Woronichinia</i> sp.		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae
Scenedesmus bijuga

* 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.