

DEP Algal Taxonomy Summary Report

Date Reported: 27-MAR-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-27-48	Collector: Leif Bowman, Jessie atchison
Event ID: WQAP-2023-03-24-01	Date Collected: 3/23/2023 1:20:00 PM
LIMS Sample ID: 2396152	Date Received: 3/24/2023 10:20:00 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: Rachael Dragon
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii. The sample water was clear with specks.	

Result: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanothece sp.</i>	
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined

Chlorophyceae

Chlamydomonas sp.
Tetraedron caudatum
Ankistrodesmus falcatus
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.