

DEP Algal Taxonomy Summary Report

Date Reported: 06-MAR-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-27-46 Collector: Katie March, Jessie Atchison
Event ID: WQAP-2023-03-03-02 Date Collected: 3/2/2023 10:12:00 AM
LIMS Sample ID: 2391592 Date Received: 3/3/2023 10:40:00 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 dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
Chlorophyceae		
<i>Chlamydomonas</i> sp.		
<i>Kirchneriella</i> sp.		
<i>Coelastrum</i> 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.