

DEP Algal Taxonomy Summary Report

Date Reported: 16-FEB-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-20-37	Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2023-02-15-01	Date Collected: 2/14/2023 1:10:00 PM
LIMS Sample ID: 2387565	Date Received: 2/15/2023 9:30:00 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
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Cyanophyceae

<i>Aphanothece sp.</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Snowella lacustris</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chrysophyceae

<i>Dinobryon sp.</i>		
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Chlorophyceae

<i>Tetraedron minimum</i>		
<i>Kirchneriella sp.</i>		
<i>Westella botryoides</i>		
<i>Scenedesmus bijuga</i>		
<i>Crucigenia apiculata</i>		
<i>Staurastrum sp.</i>		

Cryptophyceae

<i>Chroomonas sp.</i>		
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* 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.