

DEP Algal Taxonomy Summary Report

Date Reported: 17-OCT-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-08-29-41 Collector: Terry Riordan
Event ID: WQAP-2022-10-14-01 Date Collected: 10/13/2022 1:32:00 PM
LIMS Sample ID: 2362473 Date Received: 10/14/2022 9:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Sawgrass Lake From CWC Dock Sample Preservation: ICE
Field ID: HABCE0082_SawgrassLake Analyst:
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Pseudanabaena limnetica</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chrysophyceae

Rhizochrysis sp.

Xanthophyceae

Centritractus belanophorus

Chlorophyceae

Eudorina elegans
Tetraedron gracile
Kirchneriella contorta
Pediastrum simplex
Pediastrum obtusum
Actinastrum gracilimum
Staurostrum sp.

Prasinophyceae

Tetraselmis cordiformis

Euglenophyceae

Phacus 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.