

DEP Algal Taxonomy Summary Report

Date Reported: 06/03/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-05-31-14 Collector: Elizabeth Bates, Leif Boman
Event ID: WQAP-2021-06-03-03 Date Collected: 6/2/2021 10:36:00 AM
LIMS Sample ID: 2251796 Date Received: 6/3/2021 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: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Aphanizomenon flosaquae*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Oscillatoria</i> sp.	Undetermined
<i>Planktothrix agardhii</i>	Yes

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Tetraedron gracile
Ankistrodesmus falcatus
Pediastrum duplex
Coelastrum sp.

Euglenophyceae

Phacus sp.

Dinophyceae

Ceratium 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.