

DEP Algal Taxonomy Summary Report

Date Reported: 18-NOV-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-25-53 Collector: Liz Bates
Event ID: WQAP-2021-11-18-01 Date Collected: 11/17/2021 2:00:00 PM
LIMS Sample ID: 2290344 Date Received: 11/18/2021 9:35:00 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 dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Crucigenia sp.
Botryococcus braunii
Closterium 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.