

DEP Algal Taxonomy Summary Report

Date Reported: 03-DEC-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-11-15-16 Collector: Victoria Schwartz
Event ID: WQAP-2021-12-03-01 Date Collected: 12/2/2021 11:30:00 AM
LIMS Sample ID: 2292902 Date Received: 12/3/2021 10:05:00 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>Aphanocapsa incerta</i>	Yes	
<i>Snowella</i> sp.		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	
Chlorophyceae		
<i>Chlamydomonas</i> sp.		
<i>Coelastrum</i> sp.		
<i>Closterium</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.