

DEP Algal Taxonomy Summary Report

Date Reported: 08-OCT-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-09-13-46 Collector: Liz Bates
Event ID: WQAP-2021-10-08-02 Date Collected: 10/7/2021 2:20:00 PM
LIMS Sample ID: 2282107 Date Received: 10/8/2021 9:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Howell - SW Corner Sample Preservation: ICE
Field ID: HABCE0086_LakeHowell 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>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Scenedesmus bicaudatus</i>		
<i>Botryococcus braunii</i>		
Euglenophyceae		
<i>Phacus sp.</i>		
Dinophyceae		
<i>Glenodinium sp.</i>		

* 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.