

DEP Algal Taxonomy Summary Report

Date Reported: 04-OCT-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-03-19	Collector: Terry R, Victoria S
Event ID: CEN-DIST-2023-09-26-01	Date Collected: 9/25/2023 11:32:00 AM
LIMS Sample ID: 2439813	Date Received: 9/26/2023 9:10:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Howell - Center	Sample Preservation: ICE
Field ID: HABCE0214	Analyst:
Sample Notes: The dominant taxon was <i>Microcystis aeruginosa</i> . 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 aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
<i>Planktolyngbya lacustris</i>		
Chlorophyceae		
<i>Kirchneriella</i> sp.		
<i>Scenedesmus abundans</i>		
<i>Coelastrum microporum</i>		
<i>Botryococcus braunii</i>		
<i>Staurastrum</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.