

DEP Algal Taxonomy Summary Report

Date Reported: 15-DEC-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-08-07-37	Collector: Terry Riordan, Denver Bourassa
Event ID: CEN-DIST-2023-12-12-01	Date Collected: 12/11/2023 12:06:00
LIMS Sample ID: 2456048	Date Received: 12/12/2023 8:40:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Howell - N Shore	Sample Preservation: ICE
Field ID: HABCE0212	Analyst: Isaura Lorenzo-Perez
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii. The water was clear with specks present.	

Result: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Planktolyngbya lacustris</i>		

Chlorophyceae
<i>Pediastrum duplex</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.