

DEP Algal Taxonomy Summary Report

Date Reported: 09-NOV-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-31-07 Collector: Matt Bearden, Katie March
Event ID: CEN-DIST-2023-11-07-01 Date Collected: 11/6/2023 11:39:00 AM
LIMS Sample ID: 2449083 Date Received: 11/7/2023 9:23:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Minnehaha - E Dock Sample Preservation: ICE
Field ID: HABCE0194 Analyst: Isaura Lorenzo-Perez
Sample Notes: The dominant taxon was Planktolyngba limnetica. The water was clear.

Result: The dominant taxon was Planktolyngbya limnetica.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanothece microspora</i>		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Cuspidothrix issatschenkoi</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae
Kirchneriella sp.
Monoraphidium sp.
Dictyosphaerium pulchellum
Scenedesmus acuminatus
Dimorphococcus lunatus
Closterium 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.