

DEP Algal Taxonomy Summary Report

Date Reported: 13-MAY-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-14-19 Collector: Liz Bates, Katie March
Event ID: WQAP-2022-05-12-01 Date Collected: 5/11/2022 1:29:00 PM
LIMS Sample ID: 2326630 Date Received: 5/12/2022 9:20:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Harris-S of Monkey Island Sample Preservation: ICE
Field ID: HABCE0123_LakeHarris1 Analyst:
Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii*. The sample water was clear with specks.
Diatoms were present. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Merismopedia tenuissima</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena limnetica</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

Dictyosphaerium pulchellum

Dinophyceae

Glenodinium sp.
Ceratium 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.