

DEP Algal Taxonomy Summary Report

Date Reported:	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-05-23-06	Collector: L.Bates / T.Riordan
Event ID: WQAP-2022-06-10-01	Date Collected: 6/9/2022 1:03:00 AM
LIMS Sample ID: 2333662	Date Received: 6/10/2022 9:27:00 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: Rachael Dragon
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample was clear with specks. Diatoms were present.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanothece sp.</i>		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya lacustris</i>		

Chlorophyceae

Tetraedron caudatum
Tetraedron gracile
Scenedesmus quadricauda

Dinophyceae

Glenodinium 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.