

DEP Algal Taxonomy Summary Report

Date Reported: 17-AUG-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-07-18-57 Collector: Victoria Schwartz
Event ID: WQAP-2022-08-16-02 Date Collected: 8/15/2022 11:01:00 AM
LIMS Sample ID: 2349532 Date Received: 8/16/2022 9:39:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Mariam - Boat Ramp Sample Preservation: ICE
Field ID: HABCE0137_LakeMariam2 Analyst: Rachael Dragon
Sample Notes: The dominant taxon was Aphanizomenon flosaquae. The sample water was clear. Diatoms were present.

Result: The dominant taxon was Aphanizomenon flosaquae.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Chroococcus dispersus</i>		
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Ankistrodesmus falcatus</i>		
<i>Scenedesmus bijuga</i>		

Euglenophyceae

<i>Trachelomonas sp.</i>		
<i>Lepocinclis sp.</i>		

Dinophyceae

<i>Glenodinium sp.</i>		
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* 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.