

DEP Algal Taxonomy Summary Report

Date Reported: 11-JUL-2022

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2022-06-27-21

Collector: Victoria Schwartz

Event ID: WQAP-2022-07-08-03

Date Collected: 7/7/2022 12:50:00 PM

LIMS Sample ID: 2340065

Date Received: 7/8/2022 9:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Kathryn - West Lobe

Sample Preservation: ICE

Field ID: HABCE0117_LakeKathryn

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		

Chlorophyceae

<i>Ankistrodesmus falcatus</i>		
<i>Scenedesmus bicaudatus</i>		
<i>Botryococcus braunii</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.