

DEP Algal Taxonomy Summary Report

Date Reported: 30-JUN-2022

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

Request ID: RQ-2022-06-20-61

Collector: Liz Bates

Event ID: WQAP-2022-06-28-02

Date Collected: 6/27/2022 3:18:00 PM

LIMS Sample ID: 2337461

Date Received: 6/28/2022 9:12:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Sue - Lakeshore Dr. West Lobe

Sample Preservation: ICE

Field ID: HABCE0110_LakeSue1

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
Cyanophyceae		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
Chlorophyceae		
<i>Staurostrum sp.</i>		
<i>Cosmarium sp.</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.