

DEP Algal Taxonomy Summary Report

Date Reported: 25-FEB-2022

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

Request ID: RQ-2022-02-21-70

Collector: Liz Bates

Event ID: WQAP-2022-02-25-03

Date Collected: 2/24/2022 9:50:00 AM

LIMS Sample ID: 2308247

Date Received: 2/25/2022 11:23:00 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
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Cyanophyceae

Snowella sp.

Microcystis sp.

Undetermined

Microcystis wessenbergii

Yes

Microcystis aeruginosa

Yes

Pseudanabaena mucicola

Yes

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.

Coelastrum sp.

Botryococcus braunii

* 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.