

DEP Algal Taxonomy Summary Report

Date Reported: 15-DEC-2022

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

Request ID: RQ-2022-12-12-36

Collector: Terry Riordan

Event ID: WQAP-2022-12-12-02

Date Collected: 12/8/2022 1:00:00 PM

LIMS Sample ID: 2374301

Date Received: 12/12/2022 9:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Big Sand Lake from Dock

Sample Preservation: ICE

Field ID: HABCE0155_BigSandLake

Analyst: Isaura Lorenzo-Perez

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Aphanocapsa delicatissima*. The water was clear with specks present.
The algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Aphanocapsa delicatissima*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Coelosphaerium kuetzingianum

Aphanocapsa delicatissima

Undetermined

Microcystis aeruginosa

Yes

Chlorophyceae

Dictyosphaerium pulchellum

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.