

DEP Algal Taxonomy Summary Report

Date Reported: 27-JAN-2023

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

Request ID: RQ-2023-01-16-16

Collector: Terry R, Jessie A

Event ID: WQAP-2023-01-25-02

Date Collected: 1/24/2023 1:02:00 PM

LIMS Sample ID: 2382740

Date Received: 1/25/2023 9:44:00 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:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Chroococcus dispersus

Aphanothece sp.

Cyanodictyon imperfectum

Aphanocapsa incerta

Yes

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Planktolyngbya limnetica

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Rhizoclonium sp.

Dinophyceae

Ceratium sp.

* 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.