

DEP Algal Taxonomy Summary Report

Date Reported: 10-MAR-2023

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

Request ID: RQ-2023-02-27-47

Collector: Leif Bowman, Katie March

Event ID: WQAP-2023-03-09-01

Date Collected: 3/8/2023 11:31:00 AM

LIMS Sample ID: 2392991

Date Received: 3/9/2023 9:05:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Sunset Lake - W Shore

Sample Preservation: ICE

Field ID: HABCE0165_SunsetLake

Analyst:

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

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Woronichinia naegeliana*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Woronichinia naegeliana

Microcystis aeruginosa

Yes

Dolichospermum sp.

Aphanizomenon flosaquae

Yes

Chlorophyceae

Botryococcus braunii

Staurastrum 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.