

DEP Algal Taxonomy Summary Report

Date Reported: 14-JAN-2022

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

Request ID: RQ-2021-12-20-06

Collector: Liz Bates

Event ID: WQAP-2022-01-13-02

Date Collected: 1/12/2022 2:05:00 PM

LIMS Sample ID: 2299511

Date Received: 1/13/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Estelle- NE lobe

Sample Preservation: ICE

Field ID: HABCE0103_LakeEstelle1

Analyst:

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Woronichinia naegeliana*. The sample water was clear with a dense amount of 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

Snowella sp.

Microcystis sp.

Undetermined

Microcystis wessenbergii

Yes

Microcystis aeruginosa

Yes

Oscillatoria sp.

Undetermined

Pseudanabaena mucicola

Yes

Phormidium sp.

Undetermined

Chlorophyceae

Pediastrum sp.

Coelastrum sp.

Botryococcus braunii

Staurastrum sp.

Cosmarium 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.