

DEP Algal Taxonomy Summary Report

Date Reported: 08-MAY-2023

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

Request ID: RQ-2023-04-24-09

Collector: Matt Bearden, Victoria Schwartz

Event ID: WQAP-2023-05-05-02

Date Collected: 5/4/2023 11:42:00 AM

LIMS Sample ID: 2405975

Date Received: 5/5/2023 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: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Aphanocapsa delicatissima

Undetermined

Snowella sp.

Microcystis aeruginosa

Yes

Cuspidothrix issatschenkoi

Yes

Pseudanabaena mucicola

Yes

Chlorophyceae

Eudorina elegans

Ankistrodesmus falcatus

Botryococcus braunii

Staurastrum sp.

Cosmarium sp.

Euastrum 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.