

DEP Algal Taxonomy Summary Report

Date Reported: 25-FEB-2022

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

Request ID: RQ-2022-02-21-70

Collector: Liz Bates

Event ID: WQAP-2022-02-25-03

Date Collected: 2/24/2022 10:23:00 AM

LIMS Sample ID: 2308249

Date Received: 2/25/2022 11:23:00 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 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

<i>Microcystis aeruginosa</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	

Chlorophyceae

Chlamydomonas sp.
Oocystis sp.
Ankistrodesmus falcatus
Dictyosphaerium pulchellum
Pediastrum obtusum
Scenedesmus bijuga
Gloeocystis sp.
Closterium sp.
Cosmarium sp.

Cryptophyceae

Cryptomonas 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.