

DEP Algal Taxonomy Summary Report

Date Reported: 21-JAN-2022

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

Request ID: RQ-2021-12-27-03

Collector: Katie March

Event ID: WQAP-2022-01-21-01

Date Collected: 1/20/2022 11:22:00 AM

LIMS Sample ID: 2300956

Date Received: 1/21/2022 9:55:00 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 wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	

Chlorophyceae

Pediastrum duplex
Scenedesmus bijuga
Staurastrum sp.

Dinophyceae

Glenodinium 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.