

DEP Algal Taxonomy Summary Report

Date Reported: 28-DEC-2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-12-06-11	Collector: Liz Bates, Leif Boman
Event ID: WQAP-2021-12-28-01	Date Collected: 12/27/2021 11:00:00
LIMS Sample ID: 2296678	Date Received: 12/28/2021 9:09:00 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 cloudy with specks. Diatoms were present.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

Merismopedia tenuissima

<i>Microcystis wesenbergii</i>	Yes
--------------------------------	-----

<i>Microcystis aeruginosa</i>	Yes
-------------------------------	-----

<i>Cylindrospermopsis raciborskii</i>	Yes
---------------------------------------	-----

<i>Pseudanabaena mucicola</i>	Yes
-------------------------------	-----

<i>Planktothrix agardhii</i>	Yes
------------------------------	-----

Planktolyngbya lacustris

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Monoraphidium sp.

Scenedesmus bijuga

Euglenophyceae

Phacus 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.