

DEP Algal Taxonomy Summary Report

Date Reported: 26-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-2022-01-25-01 Date Collected: 1/24/2022 12:30:00 PM
LIMS Sample ID: 2301352 Date Received: 1/25/2022 9:13:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Copeland - SE Corner Sample Preservation: ICE
Field ID: HABCE0093_LakeCopeland1 Analyst:
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with some specks. Diatoms were present. The algae appeared alive and healthy.

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	
---------------------------------------	-----	--

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.

Ankistrodesmus falcatus

Scenedesmus bijuga

Scenedesmus bicaudatus

Crucigenia tetrapedia

Botryococcus braunii

Staurastrum sp.

Cosmarium sp.

Euglenophyceae

Strombomonas 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.