

DEP Algal Taxonomy Summary Report

Date Reported: 11-FEB-2022

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

Request ID: RQ-2022-01-31-10

Collector: Katie March

Event ID: WQAP-2022-02-11-01

Date Collected: 2/10/2022 11:13:00 AM

LIMS Sample ID: 2305198

Date Received: 2/11/2022 9:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Copeland - SE Corner

Sample Preservation: ICE

Field ID: HABCE0093_Lake Copeland1

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
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Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	

Chlorophyceae

Chlamydomonas sp.
Tetraedron minimum
Scenedesmus quadricauda
Scenedesmus bijuga
Crucigenia sp.
Botryococcus braunii

Dinophyceae

Glenodinium sp.
Ceratium 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.