

DEP Algal Taxonomy Summary Report

Date Reported: 02/24/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-02-01-68 Collector: Natalie Ayala
Event ID: WQAP-2021-02-24-02 Date Collected: 2/23/2021 12:35:00 PM
LIMS Sample ID: 2226955 Date Received: 2/24/2021 9:40:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Copeland @ N of Center Sample Preservation: ICE
Field ID: HABCE0063_LakeCopeland Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Tetraedron gracile
Kirchneriella sp.
Pediastrum duplex
Crucigenia sp.
Coelastrum sp.
Botryococcus braunii

Dinophyceae

Glenodinium 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.