

DEP Algal Taxonomy Summary Report

Date Reported: 02/25/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-02-22-33 Collector: Leif Boman, Victoria Schwartz
Event ID: WQAP-2021-02-25-01 Date Collected: 2/24/2021 12:36:00 PM
LIMS Sample ID: 2227391 Date Received: 2/25/2021 10:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Pearl @ Center Sample Preservation: ICE
Field ID: HABCE0074_LakePearl Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The co-dominant taxa were *Dolichospermum circinale* and *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Coelosphaerium dubium</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Tetraedron gracile
Characium rostratum

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.