

DEP Algal Taxonomy Summary Report

Date Reported: 03/24/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-04-13-44 Collector: B.Paswater, S.Meyer
Event ID: WQAP-2021-03-24-01 Date Collected: 3/23/2021 10:40:00 AM
LIMS Sample ID: 2233351 Date Received: 3/24/2021 10:25:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Dowling off dock Sample Preservation: ICE
Field ID: HAB-SW-0033 Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

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

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Tetraedron gracile
Botryococcus braunii
Staurastrum sp.
Cosmarium sp.

Dinophyceae

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.