

DEP Algal Taxonomy Summary Report

Date Reported: 03/10/2020

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

Request ID: RQ-2020-02-10-30

Collector: M. Bearden

Event ID: WQAP-2020-03-10-01

Date Collected: 3/9/2020 10:25:00 AM

LIMS Sample ID: 2163217

Date Received: 3/10/2020 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Deer - Center

Sample Preservation: ICE

Field ID: HAB-SW-0003

Analyst: Jess Morse

Sample Notes: The sample water was clear with specks present.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes

Chlorophyceae

Tetraedron gracile
Dictyosphaerium pulchellum
Coelastrum sp.
Staurastrum sp.

Euglenophyceae

Trachelomonas 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.