

DEP Algal Taxonomy Summary Report

Date Reported: 02/20/2020

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-2020-02-20-03

Date Collected: 2/19/2020 10:30:00 AM

LIMS Sample ID: 2159414

Date Received: 2/20/2020 9:50:00 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 was clear with specks present.

Result: The dominant taxon was *Dolichospermum circinale* and *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Microcystis aeruginosa

Yes

Dolichospermum circinale

Yes

Dolichospermum planctonicum

Undetermined

Aphanizomenon flosaquae

Yes

Pseudanabaena mucicola

Yes

Chlorophyceae

Coelastrum 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.