

DEP Algal Taxonomy Summary Report

Date Reported: 04/01/2021

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

Request ID: RQ-2021-03-08-10

Collector: Katie March, Leif Boman

Event ID: WQAP-2021-04-01-01

Date Collected: 3/31/2021 11:14:00 AM

LIMS Sample ID: 2235433

Date Received: 4/1/2021 9:45:00 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 dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Dolichospermum circinale

Yes

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Chlamydomonas sp.

Tetraedron gracile

Characium rostratum

Westella botryoides

Dictyosphaerium ehrenbergianum

Botryococcus braunii

Closterium sp.

Staurastrum 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.