

DEP Algal Taxonomy Summary Report

Date Reported: 02/26/2020

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-2020-02-26-01

Date Collected: 2/25/2020 10:00:00 AM

LIMS Sample ID: 2160649

Date Received: 2/26/2020 4:37:00 PM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Ariana-Near ramp

Sample Preservation: ICE

Field ID: HAB-SW-0013

Analyst: Jess Morse

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

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Snowella sp.

Merismopedia tenuissima

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena sp.

Undetermined

Pseudanabaena mucicola

Yes

Planktolyngbya limnetica

Chlorophyceae

Dictyosphaerium pulchellum

Pediastrum sp.

Coelastrum sp.

Botryococcus braunii

Dinophyceae

Peridinium sp.

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.