

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 1:20:00 PM

LIMS Sample ID: 2163215

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

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Hunter - Center

Sample Preservation: ICE

Field ID: HAB-SW-0004

Analyst: Jess Morse

Sample Notes: The sample water was cloudy with some specks present.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Cyanodictyon imperfectum

Aphanocapsa incerta

Yes

Snowella sp.

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaena sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Dolichospermum sp.

Dolichospermum circinale

Yes

Dolichospermum planctonicum

Undetermined

Aphanizomenon flosaquae

Yes

Cuspidothrix issatschenkoi

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Dictyosphaerium pulchellum

Pediastrum sp.

Scenedesmus quadricauda

Dinophyceae

Glenodinium 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.