

DEP Algal Taxonomy Summary Report

Date Reported: 06-SEP-2022

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

Request ID: RQ-2022-08-22-08

Collector: Leif boman, Katie March

Event ID: WQAP-2022-09-02-01

Date Collected: 9/1/2022 12:24:00 PM

LIMS Sample ID: 2353884

Date Received: 9/2/2022 9:24:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Griffin - South Lobe

Sample Preservation: ICE

Field ID: HABCE0122_LakeGriffinLakeCo

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

Chroococcus dispersus

Aphanothece sp.

Cyanodictyon imperfectum

Aphanocapsa delicatissima

Undetermined

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Kirchneriella 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.