

DEP Algal Taxonomy Summary Report

Date Reported: 20-APR-2022

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

Request ID: RQ-2022-04-18-43

Collector: Liz Bates

Event ID: WQAP-2022-04-20-02

Date Collected: 4/19/2022 1:50:00 PM

LIMS Sample ID: 2320471

Date Received: 4/20/2022 9:25:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Griffin - at Easement

Sample Preservation: ICE

Field ID: HABCE0116_Lake Griffin

Analyst:

Sample Notes: The co-dominant taxa were Dolichospermum planctonicum and Microcystis aeruginosa. The sample water was cloudy with very fine specks. Diatoms were present.

Result: The co-dominant taxa were Dolichospermum planctonicum and Microcystis aeruginosa.

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

Cyanophyceae

Cyanodictyon imperfectum

Microcystis aeruginosa

Yes

Dolichospermum planctonicum

Undetermined

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Coccomonas sp.

Botryococcus braunii

* 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.