

DEP Algal Taxonomy Summary Report

Date Reported: 13-MAY-2022

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

Request ID: RQ-2022-03-14-19

Collector: Liz Bates, Katie March

Event ID: WQAP-2022-05-12-01

Date Collected: 5/11/2022 12:52:00 PM

LIMS Sample ID: 2326629

Date Received: 5/12/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Griffin-South Lobe

Sample Preservation: ICE

Field ID: HABCE0122_LakeGriffinLakeCo

Analyst:

Sample Notes: The dominant taxon was *Cylindrospermopsis raciborskii*. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Cylindrospermopsis raciborskii*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Rhabdogloea sp.

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Pseudanabaena limnetica

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Dictyosphaerium pulchellum

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.