

DEP Algal Taxonomy Summary Report

Date Reported: 11-APR-2023

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

Request ID: RQ-2023-04-03-57

Collector: Terry Riordan, Jessie Atchison

Event ID: WQAP-2023-04-07-01

Date Collected: 4/6/2023 10:58:00 AM

LIMS Sample ID: 2398972

Date Received: 4/7/2023 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Griffin - SE Shore

Sample Preservation: ICE

Field ID: HABCE0191_LakeGriffin

Analyst:

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Planktolyngbya limnetica*. The sample water was clear with specks.
Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanodictyon imperfectum

Microcystis aeruginosa

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Pediastrum obtusum

Scenedesmus bijuga

Staurastrum 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.