

DEP Algal Taxonomy Summary Report

Date Reported: 11-APR-2022

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

Request ID: RQ-2022-03-21-11

Collector: Liz Bates, Katie March

Event ID: WQAP-2022-04-07-02

Date Collected: 4/6/2022 11:53:00 AM

LIMS Sample ID: 2317432

Date Received: 4/7/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - East Shore

Sample Preservation: ICE

Field ID: HABCE0105_TigerLake

Analyst: Rachael Dragon

Sample Notes: There was no clear dominant taxon in the sample. The sample was cloudy. Algae were abundant with approximately 50% being cyanobacteria. Diatoms were present.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanodictyon imperfectum

Aphanocapsa sp.

Undetermined

Snowella lacustris

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaenopsis circularis

Undetermined

Cylindrospermopsis raciborskii

Yes

Dolichospermum helicoideum

Dolichospermum circinale

Yes

Dolichospermum compactum

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Scenedesmus quadricauda

Scenedesmus bicaudatus

Scenedesmus perforatus

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.