

DEP Algal Taxonomy Summary Report

Date Reported: 06-JUN-2023

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

Request ID: RQ-2023-04-17-05

Collector: Matt B, Victoria S

Event ID: WQAP-2023-06-02-01

Date Collected: 6/1/2023 10:46:00 AM

LIMS Sample ID: 2414067

Date Received: 6/2/2023 9:06:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - Center

Sample Preservation: ICE

Field ID: HABCE0185_TigerLake2

Analyst: Isaura Lorenzo-Perez

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*. The sample water was cloudy with specks. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Coelosphaerium kuetzingianum

Snowella sp.

Merismopedia warmingiana

Microcystis wesenbergii Yes

Microcystis aeruginosa Yes

Dolichospermum circinale Yes

Planktolyngbya contorta

Chlorophyceae

Pediastrum simplex

Scenedesmus abundans

Scenedesmus bicaudatus

* 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.