

DEP Algal Taxonomy Summary Report

Date Reported: 04-NOV-2022

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

Request ID: RQ-2022-09-05-38

Collector: Terry Riordan, Victoria Schwartz

Event ID: WQAP-2022-11-01-03

Date Collected: 10/31/2022 12:23:00

LIMS Sample ID: 2366230

Date Received: 11/1/2022 9:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - East Shore

Sample Preservation: ICE

Field ID: HABCE0105_TigerLake

Analyst:

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

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Aphanothece sp.

Merismopedia tenuissima

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Sphaerospermopsis aphanizomenoides

Planktolyngbya microspira

Chrysophyceae

Rhizochrysis sp.

Chlorophyceae

Dichotomococcus sp.

Arthrodesmus 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.