

DEP Algal Taxonomy Summary Report

Date Reported: 16-MAR-2023

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

Request ID: RQ-2023-02-27-47

Collector: Jessie Atchison, Victoria Schwartz

Event ID: WQAP-2023-03-15-01

Date Collected: 3/14/2023 11:21:00 AM

LIMS Sample ID: 2393931

Date Received: 3/15/2023 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - Center

Sample Preservation: ICE

Field ID: HABCE0185_TigerLake2

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Merismopedia warmingiana

Microcystis aeruginosa Yes

Dolichospermum circinale Yes

Cuspidothrix issatschenkoi Yes

Planktolyngbya contorta

Planktolyngbya microspira

Chlorophyceae

Scenedesmus perforatus

Closterium sp.

Staurostrum 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.