

DEP Algal Taxonomy Summary Report

Date Reported: 01-MAR-2023

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

Request ID: RQ-2023-02-20-39

Collector: Matt Bearden, Katie March

Event ID: WQAP-2023-02-28-02

Date Collected: 2/27/2023 1:15:00 PM

LIMS Sample ID: 2390472

Date Received: 2/28/2023 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Starke Lake - Boat Ramp

Sample Preservation: ICE

Field ID: HABCE0143_StarkeLake

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
---------------------	-------------------	----------

Cyanophyceae

Aphanothece sp.

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya microspira

Chlorophyceae

Scenedesmus bicaudatus

Botryococcus braunii

Staurostrum sp.

Euglenophyceae

Euglena sp.

Cryptophyceae

Cryptomonas 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.