

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 2:32:00 PM

LIMS Sample ID: 2317434

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

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Mann - RMP cove

Sample Preservation: ICE

Field ID: HABCE0114_LakeMann1

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.

Cyanodictyon imperfectum

Aphanocapsa sp.

Undetermined

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya limnetica

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Tetraedron minimum

Kirchneriella sp.

Monoraphidium sp.

Pediastrum duplex

Scenedesmus bijuga

Staurastrum sp.

Elakatothrix gelatinosa

* 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.