

DEP Algal Taxonomy Summary Report

Date Reported: 15-MAY-2023

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

Request ID: RQ-2023-04-24-32

Collector: Terry Riordan, Victoria Schwartz

Event ID: WQAP-2023-05-12-01

Date Collected: 5/11/2023 10:40:00 AM

LIMS Sample ID: 2409248

Date Received: 5/12/2023 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Martha - NE Shore

Sample Preservation: ICE

Field ID: HABCE0161_LakeMartha

Analyst:

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

Cyanodictyon imperfectum

Snowella sp.

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

Tetraedron caudatum

Ankistrodesmus falcatus

Kirchneriella sp.

Pediastrum tetras

Scenedesmus bijuga

Botryococcus braunii

Closterium sp.

Euglenophyceae

Euglena sp.

Strombomonas sp.

Phacus 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.