

DEP Algal Taxonomy Summary Report

Date Reported: 12-SEP-2023

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

Request ID: RQ-2023-07-31-07

Collector: Terry Riordan, Victoria Schwartz

Event ID: CEN-DIST-2023-09-12-01

Date Collected: 9/11/2023 1:07:00 PM

LIMS Sample ID: 2435904

Date Received: 9/12/2023 9:08:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Yale - near center

Sample Preservation: ICE

Field ID: HABCE0211

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Snowella sp.

Merismopedia tenuissima

Microcystis aeruginosa Yes

Chlorophyceae

Pandorina morum

Ankistrodesmus sp.

Dictyosphaerium pulchellum

Scenedesmus bijuga

Crucigenia apiculata

Closterium sp.

Staurastrum sp.

Cosmarium sp.

Elakatothrix gelatinosa

Dinophyceae

Glenodinium 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.