

DEP Algal Taxonomy Summary Report

Date Reported: 22-FEB-2023

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

Request ID: RQ-2023-02-13-43

Collector: Terry R, Jessie A

Event ID: WQAP-2023-02-22-03

Date Collected: 2/21/2023 1:06:00 PM

LIMS Sample ID: 2389126

Date Received: 2/22/2023 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Baldwin - Fleet Peeples Park

Sample Preservation: ICE

Field ID: HABCE0173_Fleet Peeples Park

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

<i>Microcystis aeruginosa</i>	Yes	
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<i>Aphanizomenon flosaquae</i>	Yes	
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Chlorophyceae

Chlamydomonas sp.

Schroederia sp.

Scenedesmus bijuga

Staurastrum sp.

Elakatothrix gelatinosa

Euglenophyceae

Euglena 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.