

DEP Algal Taxonomy Summary Report

Date Reported: 24-JUL-2023

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

Request ID: RQ-2023-06-26-52

Collector: Terry Riordan, Denver Bourassa

Event ID: CEN-DIST-2023-07-21-03

Date Collected: 7/20/2023 11:03:00 AM

LIMS Sample ID: 2425927

Date Received: 7/21/2023 9:19:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Caywood Pond - SW Dock

Sample Preservation: ICE

Field ID: HABCE0193

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
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Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Volvox sp.
Oocystis sp.
Kirchneriella sp.
Botryococcus braunii
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.