

DEP Algal Taxonomy Summary Report

Date Reported: 01-FEB-2022

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

Request ID: RQ-2021-11-15-16

Collector: Mike Linger - Orange County

Event ID: WQAP-2022-01-28-03

Date Collected: 1/27/2022 11:00:00 AM

LIMS Sample ID: 2302305

Date Received: 1/28/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Cypress Lake - West Lobe

Sample Preservation: ICE

Field ID: HABOC0007_CypressLake1

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was cloudy with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Rhabdogloea sp.

Microcystis wessenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena mucicola

Yes

Pseudanabaena limnetica

Yes

Planktothrix agardhii

Yes

Planktolyngbya limnetica

Chlorophyceae

Scenedesmus bicaudatus

Botryococcus braunii

Staurastrum 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.