

DEP Algal Taxonomy Summary Report

Date Reported: 11-APR-2023

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

Request ID: RQ-2023-04-03-57

Collector: Terry Riordan, Jessie Atchison

Event ID: WQAP-2023-04-07-01

Date Collected: 4/6/2023 12:48:00 PM

LIMS Sample ID: 2398973

Date Received: 4/7/2023 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Osceola - Canton Ave

Sample Preservation: ICE

Field ID: HABCE0176_LakeOsceola

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

Rhabdogloea sp.

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya limnetica

Chlorophyceae

Scenedesmus bijuga

Golenkinia sp.

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.