

DEP Algal Taxonomy Summary Report

Date Reported: 03-FEB-2023

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

Request ID: RQ-2023-01-09-40

Collector: Matt Bearden, Jessie Atchison

Event ID: WQAP-2023-02-01-02

Date Collected: 1/31/2023 9:11:00 AM

LIMS Sample ID: 2384206

Date Received: 2/1/2023 10:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Sunset Lake-W Shore

Sample Preservation: ICE

Field ID: HABCE0165_SunsetLake

Analyst: Rachael Dragon

Sample Notes: The co-dominant taxa were Dolichospermum planctonicum and Microcystis aeruginosa. The sample water was clear with specks.

Result: The co-dominant taxa were Dolichospermum planctonicum and Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Woronichinia naegeliana

Microcystis aeruginosa

Yes

Dolichospermum planctonicum

Undetermined

Pseudanabaena mucicola

Yes

* 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.