

DEP Algal Taxonomy Summary Report

Date Reported: 30-MAY-2023

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

Request ID: RQ-2023-06-05-43

Collector: Leif Boman, Katie March, Jessie Atchison

Event ID: WQAP-2023-05-25-01

Date Collected: 5/24/2023 10:19:00 AM

LIMS Sample ID: 2412692

Date Received: 5/25/2023 9:07:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Bonita Lake - S Shore

Sample Preservation: ICE

Field ID: HABCE0189_BonitaLake

Analyst:

Sample Notes: The dominant taxon was Oedogonium sp. The sample water was clear with loose pieces of filament. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was Oedogonium sp.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanophyceae

Chroococcus sp.

Undetermined

Microcystis sp.

Undetermined

Calothrix sp.

Plectonema wollei

Yes

Phormidium sp.

Undetermined

Chlorophyceae

Coelastrum microporum

Zygnema sp.

Closterium sp.

Staurastrum sp.

Cosmarium sp.

Desmidium sp.

Oedogonium sp.

Bulbochaete sp.

Euglenophyceae

Phacus 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.