

DEP Algal Taxonomy Summary Report

Date Reported: 11-JUL-2023

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

Request ID: RQ-2023-06-19-35

Collector: Matt Bearden, Katie March

Event ID: CEN-DIST-2023-07-06-01

Date Collected: 7/5/2023 12:15:00 PM

LIMS Sample ID: 2421382

Date Received: 7/6/2023 9:06:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Bonita Lake - S Shore

Sample Preservation: ICE

Field ID: HABCE0189_BonitaLake

Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was Oedogonium sp. The water was clear with filamentous algae present.

Result: The dominant taxon was Oedogonium sp.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Anabaena sp.

Undetermined

Heteroleibleinia kuetzingii

Chlorophyceae

Kirchneriella sp.

Dictyosphaerium pulchellum

Closterium sp.

Staurastrum sp.

Cosmarium sp.

Oedogonium 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.