

DEP Algal Taxonomy Summary Report

Date Reported: 23-MAR-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-03-15 Collector: Matt Bearden, Leif Boeman
Event ID: WQAP-2023-03-23-01 Date Collected: 3/22/2023 12:25:00 PM
LIMS Sample ID: 2396042 Date Received: 3/23/2023 9:29:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Pearl - Woodside Village Ramp Sample Preservation: ICE
Field ID: HABCE0178_LakePearl2 Analyst:
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanodictyon imperfectum

Aphanocapsa sp.

Undetermined

Snowella sp.

Microcystis aeruginosa

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.

Pediastrum sp.

Scenedesmus quadricauda

Botryococcus braunii

* 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.