

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: Katie March, Jessie Atchison
Event ID: CEN-DIST-2023-07-07-02	Date Collected: 7/6/2023 11:58:00 AM
LIMS Sample ID: 2421784	Date Received: 7/7/2023 9:38:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Weir - Eatons Beach	Sample Preservation: ICE
Field ID: HABCE0203_LakeWeir	Analyst: Isaura Lorenzo-Perez
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Planktolyngbya limnetica. The water was clear with specks present. The algae appeared alive and healthy.	

Result: The co-dominant taxa were Microcystis aeruginosa and Planktolyngbya limnetica.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Chlamydomonas sp.

Ankistrodesmus falcatus

Dictyosphaerium pulchellum

Botryococcus braunii

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.