

DEP Algal Taxonomy Summary Report

Date Reported: 09-JAN-2023

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

Request ID: RQ-2022-12-19-32

Collector: Leif Boman, Terry Riordan

Event ID: WQAP-2023-01-06-02

Date Collected: 1/5/2023 12:42:00 PM

LIMS Sample ID: 2378469

Date Received: 1/6/2023 9:07:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Weir - Big Lake Village

Sample Preservation: ICE

Field ID: HABCE0162_LakeWeir5

Analyst:

Sample Notes: The co-dominant taxa were Planktolyngbya limnetica and Botryococcus braunii. The sample water was clear with red specks.
Diatoms were present.

Result: The co-dominant taxa were Planktolyngbya limnetica (Cyanophyceae) and Botryococcus braunii (Chlorophyceae).

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Aphanothece sp.

Microcystis aeruginosa

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya limnetica

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

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.