

DEP Algal Taxonomy Summary Report

Date Reported: 2235697

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

Request ID: RQ-2021-03-08-10

Collector: Terry Riordan, Liz Bates

Event ID: WQAP-2021-04-02-01

Date Collected: 4/1/2021 11:23:00 AM

LIMS Sample ID: 2235697

Date Received: 4/2/2021 9:33:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Weir - N Shore

Sample Preservation: ICE

Field ID: HABCE0076_Lake Weir3

Analyst: Jess Morse

Sample Notes: The sample water was clear with red specks. Diatoms were present.

Result: The co-dominant taxa were *Cylindrospermopsis raciborskii* (Cyanophyceae) and *Botryococcus braunii* (Chlorophyceae).

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Cyanodictyon imperfectum

Snowella sp.

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Ankistrodesmus falcatus

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Crucigenia sp.

Botryococcus braunii

Dinophyceae

Peridinium 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.