

# DEP Algal Taxonomy Summary Report

Date Reported: 08/06/2021

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

Request ID: RQ-2021-06-21-09

Collector: Liz Bates

Event ID: WQAP-2021-08-06-03

Date Collected: 8/5/2021 12:15:00 PM

LIMS Sample ID: 2267919

Date Received: 8/6/2021 9:40:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Weir - Carney Island Swim Beach

Sample Preservation: ICE

Field ID: HABCE0084\_LakeWeir4

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with small rust colored specks.

**Result:** The dominant taxon was *Botryococcus braunii*.

**Other Taxa Present:**

**Toxin Potential \***

**Cyanophyceae**

*Chroococcus dispersus*

*Aphanothece* sp.

*Aphanocapsa delicatissima*

Undetermined

*Microcystis* sp.

Undetermined

*Microcystis wesenbergii*

Yes

*Cylindrospermopsis raciborskii*

Yes

*Planktolyngbya contorta*

*Planktolyngbya limnetica*

*Planktolyngbya lacustris*

**Chlorophyceae**

*Dictyosphaerium ehrenbergianum*

*Botryococcus braunii*

*Staurastrum* 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.