

DEP Algal Taxonomy Summary Report

Date Reported: 05/26/2021

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

Request ID: RQ-2021-05-17-30

Collector: Katie March, Elizabeth Bates

Event ID: WQAP-2021-05-25-05

Date Collected: 5/24/2021 12:25:00 PM

LIMS Sample ID: 2249771

Date Received: 5/25/2021 9:30:00 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 cloudy with specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Snowella lacustris

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

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.