

DEP Algal Taxonomy Summary Report

Date Reported: 4/30/2019

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

Request ID: RQ-2019-04-29-41

Collector: Leif Boman, Mike Drennan

Event ID: WQAP-2019-04-30-04

Date Collected: 4/29/2019 12:15:00

LIMS Sample ID: 2081654

Date Received: 4/30/2019 10:00:00

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Weir

Sample Preservation: ICE

Field ID: Lake Weir

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear with specks present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Cyanodictyon sp.

Snowella sp.

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Spirulina sp.

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya lacustris

Chrysophyceae

Dinobryon sp.

Mallomonas sp.

Chlorophyceae

Monoraphidium sp.

Botryococcus braunii

Staurastrum sp.

Elakatothrix gelatinosa

Koliella sp.

Dinophyceae

Glenodinium sp.

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.