

DEP Algal Taxonomy Summary Report

Date Reported: 07/30/2021

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

Request ID: RQ-2021-06-21-53

Collector: Stopher Slade, Nathan Mulkey

Event ID: WQAP-2021-07-30-05

Date Collected: 7/29/2021 12:05:00 PM

LIMS Sample ID: 2266192

Date Received: 7/30/2021 11:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Coleman Lake

Sample Preservation: ICE

Field ID: G3NW0216

Analyst: Jess Morse

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

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Pandorina morum
Platydictyon sp.
Crucigenia 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.