

DEP Algal Taxonomy Summary Report

Date Reported: 18-OCT-2021

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

Request ID: RQ-2021-09-06-61

Collector: Mike Linger

Event ID: WQAP-2021-10-14-03

Date Collected: 10/13/2021 10:55:00

LIMS Sample ID: 2283389

Date Received: 10/14/2021 9:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Anderson - Center

Sample Preservation: ICE

Field ID: HABOC0004_LakeAnderson

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

Rhabdogloea sp.

Aphanocapsa sp.

Snowella lacustris

Merismopedia tenuissima

Microcystis wesenbergii

Microcystis aeruginosa

Cylindrospermopsis raciborskii

Pseudanabaena sp.

Undetermined

Yes

Yes

Yes

Undetermined

Chlorophyceae

Actinastrum gracilimum

Staurostrum sp.

Euglenophyceae

Euglena 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.