

DEP Algal Taxonomy Summary Report

Date Reported: 08/19/2021

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

Request ID: RQ-2021-06-07-45

Collector: Katie March, Liz Bates

Event ID: WQAP-2021-08-18-01

Date Collected: 8/16/2021 1:37:00 PM

LIMS Sample ID: 2269955

Date Received: 8/18/2021 10:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Willisara @ Center

Sample Preservation: ICE

Field ID: HABCE0064_LakeWillisara

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with specks. Approximately 75% of the algae were cyanobacteria.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Rhabdogloea sp.

Aphanocapsa delicatissima

Undetermined

Merismopedia tenuissima

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Tetraedron gracile

Dictyosphaerium ehrenbergianum

Scenedesmus quadricauda

Scenedesmus bijuga

Crucigenia tetrapedia

Selenastrum sp.

Staurastrum sp.

Cosmarium sp.

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.