

DEP Algal Taxonomy Summary Report

Date Reported: 12/19/2018

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-07-30-33

Collector: Mike Drennan / Natalie Ayala

Event ID: WQAP-2018-12-18-01

Date Collected: 12/17/2018 10:45:00 AM

LIMS Sample ID: 2049403

Date Received: 12/18/2018 10:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: North Lake Talmadge

Sample Preservation: ICE

Field ID: North Lake Talmadge

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with floating specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Snowella sp.

Microcystis sp.

Undetermined

Microcystis aeruginosa

Yes

Anabaena sp.

Undetermined

Aphanizomenon sp.

Undetermined

Chrysophyceae

Synura uvella

Chlorophyceae

Chlamydomonas sp.

Eudorina elegans

Quadrigula chodati

Crucigenia apiculata

Botryococcus braunii

Closterium sp.

Euastrum sp.

Elakatothrix gelatinosa

Dinophyceae

Ceratium sp.

Cryptophyceae

Chroomonas sp.

Cryptomonas 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.