

DEP Algal Taxonomy Summary Report

Date Reported: 8/7/2017

Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us

Request ID: RQ-2017-08-07-55

Collector: Maryann Dugan, Chase Conley

Event ID: WQAP-2017-08-04-02

Date Collected: 8/3/2017 10:30:00 AM

LIMS Sample ID: 1919164

Date Received: 8/4/2017 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Algae - Lake Clay Canal

Sample Preservation: ICE

Field ID: G4SD080317-6

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample was green in color with specks present. Algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Cylindrospermopsis raciborskii

Yes

Dolichospermum circinale

Yes

Aphanizomenon flosaquae

Yes

Cuspidothrix sp.

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Chlamydomonas sp.

Tetraedron trigonum gracile

Diacanthos belenophorus

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.