

DEP Algal Taxonomy Summary Report

Date Reported: 12/03/2019

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

Request ID: RQ-2019-08-05-47

Collector: Kelby Callahan

Event ID: WQAP-2019-12-03-01

Date Collected: 12/2/2019 11:11:00 AM

LIMS Sample ID: 2139931

Date Received: 12/3/2019 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Scott Lake - Center

Sample Preservation: ICE

Field ID: HAB-SW-0002

Analyst: Jess Morse

Sample Notes: The sample was cloudy with some specks present.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Aphanocapsa incerta

Yes

Aphanocapsa delicatissima

Undetermined

Snowella sp.

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Cuspidothrix issatschenkoi

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

Pediastrum sp.

Scenedesmus quadricauda

Staurastrum 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.