

DEP Algal Taxonomy Summary Report

Date Reported: 01/10/2020

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

Request ID: RQ-2019-12-23-10

Collector: B Paswater

Event ID: WQAP-2020-01-10-01

Date Collected: 1/9/2020 10:55:00 AM

LIMS Sample ID: 2148604

Date Received: 1/10/2020 9:50:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Scott Lake-West

Sample Preservation: ICE

Field ID: HAB-SW-0007

Analyst: Jess Morse

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

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Cyanodictyon imperfectum

Aphanocapsa incerta

Yes

Snowella lacustris

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaena sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Dolichospermum planctonicum

Undetermined

Cuspidothrix issatschenkoi

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya microspira

Chlorophyceae

Pediastrum sp.

Scenedesmus quadricauda

Botryococcus braunii

Staurostrum 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.