

DEP Algal Taxonomy Summary Report

Date Reported: 08/28/2019

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

Request ID: RQ-2019-08-19-03

Collector: B.Paswater & S.Meyer

Event ID: SW-DIST-2019-08-28-01

Date Collected: 8/27/2019 9:45:00 AM

LIMS Sample ID: 2115279

Date Received: 8/28/2019 10:00:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: SCOTT LAKE @ SOUTH CENTRAL

Sample Preservation: ICE

Field ID: G2SW0060

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Snowella sp.

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon sp.

Undetermined

Pseudanabaena mucicola

Yes

Jaaginema gracile

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya microspira

Planktolyngbya lacustris

Chlorophyceae

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Botryococcus braunii

* 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.