

DEP Algal Taxonomy Summary Report

Date Reported: 7/2/2020

Request ID: RQ-2020-04-13-44

Event ID: WQAP-2020-07-02-03

LIMS Sample ID: 2180349

Analysis: BLOOM-ID

Site Location: Scott Lake - West

Field ID: HAB-SW-0007

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

Collector: J. Ashton, S Meyer

Date Collected: 7/1/2020 10:10:00 AM

Date Received: 7/2/2020 11:00:00 AM

Sample Container: Plastic Tube 50 mL

Sample Preservation: ICE

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was cloudy with some specks present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Rhabdogloea sp.

Aphanocapsa delicatissima

Undetermined

Snowella sp.

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Cylindrospermopsis acuminato-crispa

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya microspira

Chlorophyceae

Ankistrodesmus falcatus

Pediastrum duplex

Scenedesmus acuminatus

Scenedesmus bicaudatus

Scenedesmus perforatus

Botryococcus braunii

Dinophyceae

Glenodinium sp.

Peridinium 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.