

DEP Algal Taxonomy Summary Report

Date Reported: 02/10/2020

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

Request ID: RQ-2020-02-03-83

Collector: M. Bearden

Event ID: WQAP-2020-02-10-01

Date Collected: 2/6/2020 1:00:00 PM

LIMS Sample ID: 2156076

Date Received: 2/10/2020 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Scott Lake - West

Sample Preservation: ICE

Field ID: HAB-SW-0007

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with some particulate.

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium sp.

Snowella lacustris

Merismopedia warmingiana

Microcystis sp.

Undetermined

Microcystis wesenbergii

Yes

Anabaenopsis circularis

Undetermined

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Pseudanabaena mucicola

Yes

Planktolyngbya contorta

Planktolyngbya lacustris

Chlorophyceae

Ankistrodesmus falcatus

Pediastrum duplex

Pediastrum simplex

Scenedesmus quadricauda

Scenedesmus abundans

Scenedesmus perforatus

Botryococcus braunii

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.