

DEP Algal Taxonomy Summary Report

Date Reported: 08/21/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-04-13-44	Collector: M. Bearden
Event ID: WQAP-2020-08-21-01	Date Collected: 8/20/2020 9:30:00 AM
LIMS Sample ID: 2191628	Date Received: 8/21/2020 10:10:00 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 water was clear with specks. Diatoms were present. Algae appeared alive and healthy.	

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Merismopedia tenuissima</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

<i>Scenedesmus quadricauda</i>	
<i>Botryococcus braunii</i>	

* 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.