

DEP Algal Taxonomy Summary Report

Date Reported: 02/24/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-07-27-08 Collector: J.D. Foster
Event ID: WQAP-2021-02-24-04 Date Collected: 2/23/2021 10:00:00 AM
LIMS Sample ID: 2227020 Date Received: 2/24/2021 9:40:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Peach Tree Drive Canal Sample Preservation: ICE
Field ID: Peach Tree Drive Canal Analyst: Jess Morse
Sample Notes: The sample water was clear with some specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

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</i> sp.	Undetermined
<i>Spirulina subsalsa</i>	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya lacustris</i>	

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Chlamydomonas sp.
Ankistrodesmus falcatus
Pediastrum duplex
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.