

DEP Algal Taxonomy Summary Report

Date Reported: 13-JUL-2018 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2018-04-30-40 Collector: Mike Drennan
Event ID: WQAP-2018-07-13-02 Date Collected: 7/12/2018 11:10:00
LIMS Sample ID: 2007181 Date Received: 7/13/2018 10:00:00
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: LAKE WEIR, EAST SHORE Sample Preservation: ICE
Field ID: LAKE WEIR, WEST SHORE Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was mostly clear with some specks present. The algae appeared alive and healthy. A few diatoms, *Nitzschia* sp., was present.

Result: The dominant taxon was *Planktolyngbya limnetica*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Rhabdogloea</i> sp.	
<i>Aphanocapsa</i> sp.	Undetermined
<i>Aphanocapsa incerta</i>	Yes
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Snowella</i> sp.	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Ankistrodesmus fusiformis
Botryococcus braunii

Euglenophyceae

Trachelomonas sp.

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.