

DEP Algal Taxonomy Summary Report

Date Reported: 31 May 2019

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

Request ID: RQ-2019-05-06-31

Collector: Jeremy Parrish, Cheyanne Ruben

Event ID: WQAP-2019-05-31-01

Date Collected: 5/30/2019 8:50:00 AM

LIMS Sample ID: 2090230

Date Received: 5/31/2019 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Doctors Lake @ Swimming Pen Mouth

Sample Preservation: ICE

Field ID: Doctors Lake @ Swimming

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was cloudy. The algae appeared alive and healthy.

Result: The dominant taxon was *Planktolyngbya limnetica*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Merismopedia warmingiana</i>	
<i>Anabaenopsis</i> sp.	
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum spiroides</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Schroederia judayi
Dictyosphaerium ehrenbergianum
Scenedesmus quadricauda

Euglenophyceae

Phacus sp.

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.