

DEP Algal Taxonomy Summary Report

Date Reported: 12/03/2019

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

Request ID: RQ-2019-08-05-47

Collector: Kelby Callahan

Event ID: WQAP-2019-12-03-01

Date Collected: 12/2/2019 10:00:00 AM

LIMS Sample ID: 2139930

Date Received: 12/3/2019 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Hunter - Center

Sample Preservation: ICE

Field ID: HAB-SW-0004

Analyst: Jess Morse

Sample Notes: The sample was cloudy with some specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Snowella</i> sp.	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Anabaena</i> sp.	Undetermined
<i>Anabaenopsis circularis</i>	Undetermined
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

<i>Pediastrum</i> sp.
<i>Scenedesmus quadricauda</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.