

DEP Algal Taxonomy Summary Report

Date Reported: 03/10/2020

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

Request ID: RQ-2020-02-10-30

Collector: M. Bearden

Event ID: WQAP-2020-03-10-01

Date Collected: 3/9/2020 11:30:00 AM

LIMS Sample ID: 2163214

Date Received: 3/10/2020 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Hancock - South Central

Sample Preservation: ICE

Field ID: HAB-SW-0011

Analyst: Jess Morse

Sample Notes: The sample water 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>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Anabaenopsis circularis</i>	Undetermined
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

<i>Kirchneriella</i> sp.
<i>Dictyosphaerium pulchellum</i>
<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.