

DEP Algal Taxonomy Summary Report

Date Reported: 03/19/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-08-13 Collector: B. Passwater, S. Meyer
Event ID: WQAP-2021-03-19-03 Date Collected: 3/18/2021 3:15:00 PM
LIMS Sample ID: 2232655 Date Received: 3/19/2021 10:07:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Banana Lake Cut to Stahl Sample Preservation: ICE
Field ID: HAB-SW-0032 Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The co-dominant taxa were *Microcystis wesenbergii* and *Dolichospermum circinale*.

Other Taxa Present: Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum helicoideum</i>	
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

<i>Tetraedron</i> sp.
<i>Scenedesmus quadricauda</i>
<i>Scenedesmus abundans</i>
<i>Scenedesmus bicaudatus</i>

Euglenophyceae

<i>Phacus</i> sp.

Dinophyceae

<i>Glenodinium</i> 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.