

DEP Algal Taxonomy Summary Report

Date Reported: 18-SEP-2023

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

Request ID: RQ-2023-07-03-50

Collector: Jessie Atchison, Leif Bowman

Event ID: CEN-DIST-2023-09-14-01

Date Collected: 9/13/2023 12:17:00 PM

LIMS Sample ID: 2437017

Date Received: 9/14/2023 9:38:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake-Center

Sample Preservation: ICE

Field ID: HABCE0185

Analyst:

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*. The sample water was clear with specks.
Diatoms were present. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Anabaenopsis circularis</i>	Undetermined	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Ankistrodesmus sp.</i>		
<i>Pediastrum tetras</i>		
<i>Scenedesmus acuminatus</i>		
<i>Scenedesmus quadricauda</i>		
<i>Scenedesmus bicaudatus</i>		
<i>Tetrastrum heterocanthum</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.