

DEP Algal Taxonomy Summary Report

Date Reported: 13-JUL-2023

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

Request ID: RQ-2023-06-19-35

Collector: Matt Bearden, Jessie Atchison

Event ID: CEN-DIST-2023-07-12-02

Date Collected: 7/11/2023 11:14:00 AM

LIMS Sample ID: 2423280

Date Received: 7/12/2023 9:09:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger lake - Center

Sample Preservation: ICE

Field ID: HABCE0185_TigerLake2

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was cloudy with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

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>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya contorta</i>		

Chlorophyceae

<i>Kirchneriella</i> sp.		
<i>Scenedesmus acuminatus</i>		
<i>Scenedesmus quadricauda</i>		
<i>Cosmarium</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.