

DEP Algal Taxonomy Summary Report

Date Reported: 23-MAR-2023

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

Request ID: RQ-2023-03-06-43

Collector: Leif Bowman, Victoria Schwartz

Event ID: WQAP-2023-03-22-01

Date Collected: 3/21/2023 12:19:00 PM

LIMS Sample ID: 2395426

Date Received: 3/22/2023 9:45:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - Center

Sample Preservation: ICE

Field ID: HABCE0185_TigerLake2

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was green. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Chroococcus</i> sp.	Undetermined	
<i>Coelosphaerium</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Snowella lacustris</i>		
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Planktolyngbya contorta</i>		

Chlorophyceae

Kirchneriella sp.
Dictyosphaerium pulchellum
Pediastrum duplex
Scenedesmus acuminatus
Scenedesmus quadricauda
Scenedesmus abundans
Scenedesmus bicaudatus
Scenedesmus perforatus
Crucigenia apiculata
Closterium 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.