

DEP Algal Taxonomy Summary Report

Date Reported: 31-JAN-2022

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

Request ID: RQ-2021-12-20-06

Collector: Terry Riordan, Victoria Schwartz

Event ID: WQAP-2022-01-28-02

Date Collected: 1/27/2022 11:31:00 AM

LIMS Sample ID: 2302290

Date Received: 1/28/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - East Shore

Sample Preservation: ICE

Field ID: HABCE0105_TigerLake

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was cloudy with fine 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>Anabaenopsis circularis</i>	Undetermined	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum helicoideum</i>		
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

Chlamydomonas sp.
Ankistrodesmus falcatus
Pediastrum tetras
Scenedesmus quadricauda
Scenedesmus arcuatus
Scenedesmus bicaudatus

* 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.