

DEP Algal Taxonomy Summary Report

Date Reported: 22-FEB-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-01-24-06 Collector: Leif Boman, Katie March
Event ID: WQAP-2022-02-18-02 Date Collected: 2/17/2022 11:50:00 AM
LIMS Sample ID: 2306711 Date Received: 2/18/2022 10:10:00 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: There was no clear dominant taxon in the sample. The sample water was cloudy. Diatoms were present.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa</i> sp.	Undetermined	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Snowella</i> sp.		
<i>Merismopedia punctata</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Romeria</i> sp.		
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Tetraedron trigonum</i>		
<i>Tetraedron caudatum</i>		
<i>Pediastrum tetras</i>		
<i>Scenedesmus quadricauda</i>		
<i>Crucigenia apiculata</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.