

DEP Algal Taxonomy Summary Report

Date Reported: 04-MAY-2023
Request ID: RQ-2023-04-24-09
Event ID: WQAP-2023-05-03-01
LIMS Sample ID: 2405010
Analysis: BLOOM-ID
Site Location: Tiger Lake Center
Field ID: HABCE0185_TigerLake2

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: Leif Bowman, Jessie Atchison
Date Collected: 5/2/2023 11:53:00 AM
Date Received: 5/3/2023 9:15:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Rachael Dragon

Sample Notes: There was no clear dominant taxon in the sample. The sample was cloudy and green. Algae were abundant with approximately 75% being cyanobacteria. Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Snowella lacustris</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Dolichospermum circinale</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya microspira</i>		

Chlorophyceae

Tetraedron gracile
Ankistrodesmus falcatus
Scenedesmus perforatus

Euglenophyceae

Phacus 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.