

DEP Algal Taxonomy Summary Report

Date Reported: 07-NOV-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-31-07	Collector: Katie M, Jessie A
Event ID: CEN-DIST-2023-11-02-01	Date Collected: 11/1/2023 11:42:00 AM
LIMS Sample ID: 2448371	Date Received: 11/2/2023 9:03:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Tiger Lake - Center	Sample Preservation: ICE
Field ID: HABCE0185	Analyst: Isaura Lorenzo-Perez
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Microcystis wesenbergii. The water was cloudy with specks present.	

Result: The co-dominant taxa were Microcystis aeruginosa and Microcystis wesenbergii.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Coelosphaerium kuetzingianum</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa incerta</i>	Yes	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum compactum</i>		
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Pediastrum duplex</i>		
<i>Pediastrum tetras</i>		
<i>Scenedesmus acuminatus</i>		
<i>Scenedesmus quadricauda</i>		
<i>Scenedesmus perforatus</i>		

Euglenophyceae

<i>Trachelomonas sp.</i>		
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* 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.