

DEP Algal Taxonomy Summary Report

Date Reported: 11-JUL-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-19-35	Collector: Matt Bearden, Katie March
Event ID: CEN-DIST-2023-07-06-01	Date Collected: 7/5/2023 11:21:00 AM
LIMS Sample ID: 2421381	Date Received: 7/6/2023 9:06:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Louise Lake - NW Lobe	Sample Preservation: ICE
Field ID: HABCE0183_LouiseLake	Analyst: Isaura Lorenzo-Perez
Sample Notes: The dominant taxon was Planktolyngbya limnetica. The water was clear. The algae appeared alive and healthy.	

Result: The dominant taxon was Planktolyngbya limnetica.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

<i>Chlamydomonas sp.</i>		
<i>Ankistrodesmus falcatus</i>		
<i>Dictyosphaerium pulchellum</i>		
<i>Cladophora sp.</i>		
<i>Closterium sp.</i>		
<i>Staurastrum sp.</i>		
<i>Elakatothrix gelatinosa</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.