

DEP Algal Taxonomy Summary Report

Date Reported: 29-SEP-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-07-03-19 Collector: Matt Bearden, Denver Bourassa
Event ID: CEN-DIST-2023-09-28-01 Date Collected: 9/27/2023 10:25:00 AM
LIMS Sample ID: 2441118 Date Received: 9/28/2023 9:21:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Palatlakaha River - at marina Sample Preservation: ICE
Field ID: HABCE0215 Analyst:
Sample Notes: There was no dominant taxon in the sample. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis sp.</i>	Undetermined	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
Chrysophyceae		
<i>Dinobryon sertularia</i>		
Chlorophyceae		
<i>Pandorina morum</i>		
Euglenophyceae		
<i>Euglena sp.</i>		
<i>Strombomonas sp.</i>		
<i>Phacus sp.</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.