

DEP Algal Taxonomy Summary Report

Date Reported: 24-FEB-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-27-22 Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2023-02-24-01 Date Collected: 2/23/2023 12:16:00 PM
LIMS Sample ID: 2389931 Date Received: 2/24/2023 9:18:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Mann - McQueen Park Sample Preservation: ICE
Field ID: HABCE0112_LakeMann Analyst:
Sample Notes: There was no clear 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>Snowella sp.</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon gracile</i>	Yes	
<i>Cuspidothrix sp.</i>		
Chlorophyceae		
<i>Oocystis sp.</i>		
<i>Dictyosphaerium pulchellum</i>		
<i>Pediastrum sp.</i>		
<i>Scenedesmus arcuatus</i>		
<i>Botryococcus braunii</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.