

DEP Algal Taxonomy Summary Report

Date Reported: 13-SEP-2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-09-06-61	Collector: Mike Drennan/Taing Torres
Event ID: WQAP-2021-09-10-02	Date Collected: 9/9/2021 9:15:00 AM
LIMS Sample ID: 2275231	Date Received: 9/10/2021 9:20:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Anderson - Center	Sample Preservation: ICE
Field ID: HABOC0004_LakeAnderson	Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. Approximately 75% of the algae were cyanobacteria.	

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

Ankistrodesmus falcatus
Scenedesmus bijuga
Scenedesmus perforatus

Euglenophyceae

Phacus sp.

Dinophyceae

Glenodinium 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.