

DEP Algal Taxonomy Summary Report

Date Reported: 08-NOV-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-18-57 Collector: RR, TT
Event ID: WQAP-2021-11-05-01 Date Collected: 11/4/2021 10:25:00 AM
LIMS Sample ID: 2288373 Date Received: 11/5/2021 9:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Anderson - Center Sample Preservation: ICE
Field ID: HABOC0004_LakeAnderson Analyst: Rachael Dragon
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample was clear with specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Chroococcus dispersus</i>		
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya lacustris</i>		

Chrysophyceae

<i>Dinobryon sertularia</i>		
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Chlorophyceae

<i>Ankistrodesmus falcatus</i>		
<i>Dictyosphaerium pulchellum</i>		
<i>Scenedesmus quadricauda</i>		
<i>Scenedesmus bijuga</i>		
<i>Scenedesmus perforatus</i>		

Dinophyceae

<i>Glenodinium 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.