

DEP Algal Taxonomy Summary Report

Date Reported: 16-MAY-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-25-22 Collector: Leif Boman
Event ID: WQAP-2022-05-13-01 Date Collected: 5/12/2022 11:26:00 AM
LIMS Sample ID: 2326718 Date Received: 5/13/2022 9:24:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Ivanhoe - Center of Eastern Lobe Sample Preservation: ICE
Field ID: HABCE0118_LakeIvanhoe1 Analyst:
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii. The sample water was clear with specks.
Diatoms were present. The algae appeared alive and healthy.

Result: The co-dominant taxa were Microcystis aeruginosa and Cylindrospermopsis raciborskii.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Snowella sp.</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	

Chlorophyceae

Chlamydomonas sp.
Tetraedron minimum
Dictyosphaerium pulchellum
Crucigenia crucifera
Coelastrum sp.
Cosmarium sp.

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.