

DEP Algal Taxonomy Summary Report

Date Reported: 02/24/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-01-25-20 Collector: Natalie Ayala
Event ID: WQAP-2021-02-24-03 Date Collected: 2/23/2021 2:09:00 PM
LIMS Sample ID: 2226963 Date Received: 2/24/2021 9:40:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Ivanhoe @ 200 ft from boat ramp Sample Preservation: ICE
Field ID: HABCE0065_LakeIvanhoe Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Spirulina</i> sp.	

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.
Scenedesmus bijuga
Coelastrum sp.
Botryococcus braunii

Dinophyceae

Glenodinium sp.
Ceratium 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.