

DEP Algal Taxonomy Summary Report

Date Reported: 30-JUN-2022

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2022-06-20-61

Collector: Liz Bates

Event ID: WQAP-2022-06-28-02

Date Collected: 6/27/2022 2:50:00 PM

LIMS Sample ID: 2337460

Date Received: 6/28/2022 9:12:00 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 dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Merismopedia tenuissima

Microcystis wesenbergii Yes

Microcystis aeruginosa Yes

Cylindrospermopsis raciborskii Yes

Chlorophyceae

Tetraedron minimum

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.