

DEP Algal Taxonomy Summary Report

Date Reported: 17-JUN-2022

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

Request ID: RQ-2022-05-23-06

Collector: Liz Bates

Event ID: WQAP-2022-06-14-02

Date Collected: 6/13/2022 10:32:00 AM

LIMS Sample ID: 2334190

Date Received: 6/14/2022 9:43:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Ivanhoe - 100m E of Poinsetta Ave

Sample Preservation: ICE

Field ID: HABCE0126_LakeIvanhoe2

Analyst: Rachael Dragon

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Algae were abundant with approximately 75% being cyanobacteria.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Cylindrospermopsis raciborskii</i>	Yes	
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<i>Aphanizomenon flosaquae</i>	Yes	
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Chlorophyceae

Oocystis sp.

Ankistrodesmus falcatus

Scenedesmus sp.

Elakatothrix gelatinosa

Euglenophyceae

Phacus 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.