

DEP Algal Taxonomy Summary Report

Date Reported: 21-JUL-2021

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

Request ID: RQ-2021-06-07-45

Collector: Leif Boman

Event ID: WQAP-2021-07-20-01

Date Collected: 7/19/2021 1:12:00 PM

LIMS Sample ID: 2263095

Date Received: 7/20/2021 9:37:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Hart - Hart Branch Circle

Sample Preservation: ICE

Field ID: HABCE0087_LakeHart

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanodictyon imperfectum

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Dolichospermum circinale

Yes

Chlorophyceae

Chlamydomonas sp.

Closterium sp.

Euglenophyceae

Trachelomonas 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.