

DEP Algal Taxonomy Summary Report

Date Reported: 22-JUL-2022

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

Request ID: RQ-2022-07-18-32

Collector: Matt Bearden

Event ID: WQAP-2022-07-22-02

Date Collected: 7/21/2022 12:23:00 PM

LIMS Sample ID: 2343372

Date Received: 7/22/2022 9:22:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Harris - S of Monkey Island

Sample Preservation: ICE

Field ID: HABCE0123_LakeHarris1

Analyst: Rachael Dragon

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. 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

Aphanothece sp.

Snowella sp.

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Cosmarium 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.