

DEP Algal Taxonomy Summary Report

Date Reported: 09-DEC-2022

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

Request ID: RQ-2022-10-03-58

Collector: Leif B, Jessie A

Event ID: WQAP-2022-12-08-03

Date Collected: 12/7/2022 11:41:00 AM

LIMS Sample ID: 2373836

Date Received: 12/8/2022 9:45:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Carlton - Center

Sample Preservation: ICE

Field ID: HABCE0152

Analyst:

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

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena limnetica

Yes

Planktolyngbya limnetica

Planktolyngbya microspira

* 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.