

DEP Algal Taxonomy Summary Report

Date Reported: 04-JAN-2022

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

Request ID: RQ-2021-12-13-22

Collector: Leif Boman, Elizabeth Bates

Event ID: WQAP-2022-01-04-01

Date Collected: 1/3/2022 1:00:00 PM

LIMS Sample ID: 2297080

Date Received: 1/4/2022 9:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - East Shore

Sample Preservation: ICE

Field ID: HABCE0105_TigerLake

Analyst:

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

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Cyanodictyon imperfectum

Aphanocapsa incerta

Yes

Aphanocapsa delicatissima

Undetermined

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaenopsis circularis

Undetermined

Dolichospermum circinale

Yes

Cuspidothrix issatschenkoi

Yes

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

Eudorina elegans

Ankistrodesmus falcatus

Scenedesmus quadricauda

Scenedesmus bicaudatus

Tetrastrum heterocanthum

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.