

DEP Algal Taxonomy Summary Report

Date Reported: 27-MAR-2023

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

Request ID: RQ-2023-03-27-15

Collector: Leif Bowman, Jessie Atchison

Event ID: WQAP-2023-03-24-06

Date Collected: 3/23/2023 12:16:00 PM

LIMS Sample ID: 2396263

Date Received: 3/24/2023 10:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Cherokee - SE Shore

Sample Preservation: ICE

Field ID: HABCE0187_LakeCherokee

Analyst:

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
----------------------------	-----	--

<i>Microcystis wesenbergii</i>	Yes	
--------------------------------	-----	--

<i>Anabaenopsis circularis</i>	Undetermined	
--------------------------------	--------------	--

<i>Dolichospermum sp.</i>		
---------------------------	--	--

<i>Cuspidothrix issatschenkoi</i>	Yes	
-----------------------------------	-----	--

Chlorophyceae

<i>Ankistrodesmus falcatus</i>		
--------------------------------	--	--

<i>Kirchneriella obesa</i>		
----------------------------	--	--

<i>Dictyosphaerium pulchellum</i>		
-----------------------------------	--	--

<i>Pediastrum duplex</i>		
--------------------------	--	--

<i>Elakatothrix gelatinosa</i>		
--------------------------------	--	--

* 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.