

DEP Algal Taxonomy Summary Report

Date Reported: 18-JAN-2022

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

Request ID: RQ-2021-12-27-03

Collector: Katie March

Event ID: WQAP-2022-01-14-01

Date Collected: 1/13/2022 12:12:00 PM

LIMS Sample ID: 2299853

Date Received: 1/14/2022 12:04:00 PM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Speer - SE Boat Ramp

Sample Preservation: ICE

Field ID: HABCE0098_LakeSpeer

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was cloudy with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

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

Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Woronichinia naegeliana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	

Chlorophyceae

<i>Oocystis sp.</i>		
<i>Dictyosphaerium pulchellum</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.