

DEP Algal Taxonomy Summary Report

Date Reported: 10-AUG-2022

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

Request ID: RQ-2022-08-08-72

Collector: Mike Drennan

Event ID: WQAP-2022-08-10-04

Date Collected: 8/9/2022 10:50:00 AM

LIMS Sample ID: 2347625

Date Received: 8/10/2022 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Speer- NW Lobe

Sample Preservation: ICE

Field ID: HABOC0009_LakeSpeer1

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear 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>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Pseudanabaena mucicola</i>	Yes	
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Chlorococcum humicola</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.