

DEP Algal Taxonomy Summary Report

Date Reported: 20-FEB-2023

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

Request ID: RQ-2023-02-13-44

Collector: Terry R, Victoria S

Event ID: WQAP-2023-02-16-03

Date Collected: 2/15/2023 11:05:00 AM

LIMS Sample ID: 2388028

Date Received: 2/16/2023 11:18:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Deep Lake - N Shore

Sample Preservation: ICE

Field ID: HABCE0149_DeepLake

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
Chrysophyceae		
<i>Dinobryon sp.</i>		
Chlorophyceae		
<i>Kirchneriella sp.</i>		
<i>Staurastrum sp.</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.