

DEP Algal Taxonomy Summary Report

Date Reported: 22-FEB-2023

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

Request ID: RQ-2023-02-27-21

Collector: Terry R, Jessie A

Event ID: WQAP-2023-02-22-01

Date Collected: 2/21/2023 12:38:00 PM

LIMS Sample ID: 2389082

Date Received: 2/22/2023 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Virginia - Dinky Dock

Sample Preservation: ICE

Field ID: HABCE0172_LakeVirginia1

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Aphanizomenon flosaquae</i>	Yes	
Chrysophyceae		
<i>Dinobryon sertularia</i>		
Chlorophyceae		
<i>Pediastrum duplex</i>		
<i>Coelastrum microporum</i>		
<i>Closterium 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.