

DEP Algal Taxonomy Summary Report

Date Reported: 20-JAN-2023

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

Request ID: RQ-2023-01-16-58

Collector: Rob Renk

Event ID: WQAP-2023-01-20-01

Date Collected: 1/19/2023 8:25:00 AM

LIMS Sample ID: 2382097

Date Received: 1/20/2023 9:18:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Burkett - Center

Sample Preservation: ICE

Field ID: HABOC0013_Lake Burkett

Analyst:

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>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
Chrysophyceae		
<i>Dinobryon sertularia</i>		
Chlorophyceae		
<i>Scenedesmus quadricauda</i>		
<i>Staurastrum sp.</i>		
Cryptophyceae		
<i>Cryptomonas 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.