

DEP Algal Taxonomy Summary Report

Date Reported: 16-MAR-2023

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

Request ID: RQ-2023-02-27-47

Collector: Jessie Atchison, Victoria Schwartz

Event ID: WQAP-2023-03-15-01

Date Collected: 3/14/2023 1:39:00 PM

LIMS Sample ID: 2393930

Date Received: 3/15/2023 9:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Baldwin - Fleet Peebles Park

Sample Preservation: ICE

Field ID: HABCE0173_Lake Baldwin

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>Woronichinia naegeliana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Oscillatoria sp.</i>	Undetermined	
<i>Pseudanabaena mucicola</i>	Yes	
Chlorophyceae		
<i>Botryococcus braunii</i>		
<i>Closterium sp.</i>		
Dinophyceae		
<i>Ceratium 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.