

DEP Algal Taxonomy Summary Report

Date Reported: 20-MAR-2023

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

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

Collector: Leif Boman, Jessie Atchison

Event ID: WQAP-2023-03-17-05

Date Collected: 3/16/2023 1:22:00 PM

LIMS Sample ID: 2394717

Date Received: 3/17/2023 10:00:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Howell - NW Shore

Sample Preservation: ICE

Field ID: HABCE0148_LakeHowell2

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 aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Scenedesmus bicaudatus</i>		
<i>Crucigenia tetrapedia</i>		
<i>Dictyosphaerium 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.