

DEP Algal Taxonomy Summary Report

Date Reported: 20-JUN-2022

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

Request ID: RQ-2022-05-09-23

Collector: Terry Riordan

Event ID: WQAP-2022-06-17-04

Date Collected: 6/16/2022 12:40:00 PM

LIMS Sample ID: 2335477

Date Received: 6/17/2022 9:32:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Buffum - Boat Ramp

Sample Preservation: ICE

Field ID: HABCE0127_LakeBuffum

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>Aphanocapsa incerta</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Oscillatoria sp.</i>	Undetermined	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Closterium 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.