DEP Algal Taxonomy Summary Report

Date Reported: 23-MAY-2022
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-14-19
Collector: Liz Bates
Event ID: WQAP-2022-05-20-02
Date Collected: 5/19/2022 2:53:00 PM
LIMS Sample ID: 2328638
Date Received: 5/20/2022 9:15:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Lake Dot - Fishing Pier
Sample Preservation: ICE
Field ID: HABCE0125_LakeDot
Analyst:

Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Aphanizomenon flosaquae. The sample water was clear with specks.
Diatoms were present. The algae appeared alive and healthy.

Result: The co-dominant taxa were Microcystis aeruginosa and Aphanizomenon flosaquae.

Other Taxa Present:	**Toxin Potential ***	**Cells/mL**
Cyanophyceae		
Microcystis wesenbergii	Yes	
Microcystis aeruginosa	Yes	
Aphanizomenon flosaquae	Yes	
Pseudanabaena mucicola	Yes	
Chlorophyceae		
Chlamydomonas sp.		
Ankistrodesmus falcatus		
Dictyosphaerium pulchellum		
Coelastrum sp.		
Botryococcus braunii		
Closterium sp.		
Cosmarium sp.		
Euastrum sp.		
Euglenophyceae		
Phacus sp.		

* 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.