DEP Algal Taxonomy Summary Report

Date Reported: 15-DEC-2022
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-12-12-36
Collector: Terry Riordan
Event ID: WQAP-2022-12-12-02
Date Collected: 12/8/2022 11:10:00 AM
LIMS Sample ID: 2374300
Date Received: 12/12/2022 9:15:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Sawgrass Lake - from CWC dock
Sample Preservation: ICE
Field ID: HABCE0082_SawgrassLake
Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was Microcystis aeruginosa. The water was clear with some specks present. The algae appeared alive and healthy.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	**Toxin Potential ***	**Cells/mL**
Cyanophyceae		
Microcystis aeruginosa	Yes	
Cylindrospermopsis raciborskii	Yes	
Dolichospermum circinale	Yes	
Aphanizomenon flosaquae	Yes	
Cuspidothrix issatschenkoi	Yes	
Planktolyngbya limnetica		
Chrysophyceae		
Synura uvella		
Chlorophyceae		
Chlamydomonas sp.		
Schroederia judayi		
Dictyosphaerium pulchellum		
Pediastrum duplex		
Botryococcus braunii		
Staurastrum 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.