DEP Algal Taxonomy Summary Report

Date Reported: 09/10/2019
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-07-22-64
Collector: Matthew Bearden
Event ID: WQAP-2019-09-10-02
Date Collected: 9/9/2019 2:15:00 PM
LIMS Sample ID: 2117198
Date Received: 9/10/2019 10:15:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Scott Lake Bloom Response-Follow up
Sample Preservation: ICE
Field ID: Scott Lake Bloom Response
Analyst: Jess Morse
Sample Notes: The sample was clear with some specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Aphanothece sp.	
Aphanocapsa incerta	Yes
Merismopedia tenuissima	
Merismopedia warmingiana	
Microcystis wesenbergii	Yes
Microcystis aeruginosa	Yes
Cylindrospermopsis raciborskii	Yes
Aphanizomenon flosaquae	Yes
Pseudanabaena mucicola	Yes
Planktolyngbya contorta	
Planktolyngbya limnetica	
Planktolyngbya microspira	
Chlorophyceae	
Dictyosphaerium pulchellum	
Scenedesmus sp.	
Dinophyceae	
Glenodinium 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.