DEP Algal Taxonomy Summary Report

Date Reported: 02/10/2020
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-02-03-83
Collector: M. Bearden
Event ID: WQAP-2020-02-10-01
Date Collected: 2/6/2020 1:30:00 PM
LIMS Sample ID: 2156077
Date Received: 2/10/2020 9:20:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Lake Hunter - Center
Sample Preservation: ICE
Field ID: HAB-SW-0004
Analyst: Jess Morse

Sample Notes: The sample was cloudy with specks present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*.

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Cyanodictyon imperfectum	
Aphanocapsa incerta	Yes
Snowella lacustris	
Merismopedia warmingiana	
Microcystis wesenbergii	Yes
Microcystis aeruginosa	Yes
Anabaena sp.	Undetermined
Anabaenopsis sp.	
Cylindrospermopsis raciborskii	Yes
Dolichospermum sp.	
Dolichospermum planctonicum	Undetermined
Aphanizomenon flosaquae	Yes
Cuspidothrix issatschenkoi	Yes
Pseudanabaena mucicola	Yes
Planktolyngbya contorta	
Planktolyngbya limnetica	
Planktolyngbya microspira	
Chlorophyceae	
Dictyosphaerium pulchellum	
Pediastrum 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.