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 12:00:00 PM
LIMS Sample ID: 2156078
Date Received: 2/10/2020 9:20:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Lake Hancock - South
Sample Preservation: ICE
Field ID: HAB-SW-0011
Analyst: Jess Morse

Sample Notes: The sample was cloudy with specks present.

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

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Aphanocapsa incerta	Yes
Snowella sp.	
Merismopedia tenuissima	
Merismopedia warmingiana	
Microcystis aeruginosa	Yes
Anabaenopsis circularis	Undetermined
Dolichospermum sp.	
Dolichospermum circinale	Yes
Aphanizomenon flosaquae	Yes
Cuspidothrix issatschenkoi	Yes
Pseudanabaena sp.	Undetermined
Planktolyngbya contorta	
Planktolyngbya limnetica	
Planktolyngbya microspira	
Chlorophyceae	
Pediastrum sp.	
Scenedesmus quadricauda	
Micractinium 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.