DEP Algal Taxonomy Summary Report

Date Reported: 06/11/2020
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-03-30-08
Collector: Francisco Faria
Event ID: WQAP-2020-06-11-03
Date Collected: 6/10/2020 9:40:00 AM
LIMS Sample ID: 2175864
Date Received: 6/11/2020 10:10:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Tiger Lake-Near Ramp
Sample Preservation: ICE
Field ID: HAB-SW-0016
Analyst: Jess Morse

Sample Notes: The sample was clear with some specks present.

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

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Aphanocapsa incerta	Yes
Snowella sp.	
Merismopedia tenuissima	
Merismopedia warmingiana	
Microcystis wesenbergii	Yes
Microcystis aeruginosa	Yes
Cylindrospermopsis raciborskii	Yes
Dolichospermum sp.	
Dolichospermum circinale	Yes
Aphanizomenon flosaquae	Yes
Planktolyngbya contorta	
Planktolyngbya limnetica	
Chlorophyceae	
Chlamydomonas sp.	
Tetraedron gracile	
Ankistrodesmus falcatus	
Dictyosphaerium pulchellum	
Pediastrum sp.	
Scenedesmus quadricauda	
Tetrastrum heterocanthum	
Coelastrum 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.