DEP Algal Taxonomy Summary Report

Date Reported: 11/13/2019
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-07-22-66
Collector: Sarah Meyer
Event ID: WQAP-2019-11-13-01
Date Collected: 11/12/2019 10:45:00 AM
LIMS Sample ID: 2135379
Date Received: 11/13/2019 10:10:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: HAB_111219_Lkldyl
Sample Preservation: ICE
Field ID: HAB-SW-0001
Analyst: Jess Morse

Sample Notes: The sample was clear with specks present.

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

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Chroococcus sp.	Undetermined
Aphanocapsa incerta	Yes
Aphanocapsa delicatissima	Undetermined
Snowella sp.	
Microcystis wesenbergii	Yes
Microcystis aeruginosa	Yes
Anabaena sp.	Undetermined
Cylindrospermopsis raciborskii	Yes
Dolichospermum planctonicum	Undetermined
Aphanizomenon flosaquae	Yes
Pseudanabaena mucicola	Yes
Planktolyngbya limnetica	
Planktolyngbya lacustris	
Chlorophyceae	
Coelastrum sp.	
Botryococcus braunii	
Stichococcus sp.	
Staurastrum sp.	
Elakatothrix sp.	
Euglenophyceae	
Euglena sp.	
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.