DEP Algal Taxonomy Summary Report

Date Reported: 11/19/2019
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-11-18-69
Collector: Francisco Faria
Event ID: WQAP-2019-11-19-01
Date Collected: 11/18/2019 9:20:00
LIMS Sample ID: 2136935
Date Received: 11/19/2019 9:50:00
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: HAB_111819_LkDeer
Sample Preservation: ICE
Field ID: HAB-SW-0003
Analyst: Isaura Lorenzo-Perez

Sample Notes: The water contained algal scum. The algae appeared alive and healthy.

Result: The dominant taxon was *Coelosphaerium kuetzingianum.*

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Coelosphaerium kuetzingianum	
Coelosphaerium dubium	
Aphanocapsa incerta	Yes
Dolichospermum planctonicum	Undetermined
Cuspidothrix sp.	
Chrysophyceae	
Dinobryon bavaricum	
Chlorophyceae	
Kirchneriella sp.	
Dictyosphaerium pulchellum	
Pediastrum duplex	
Scenedesmus verrucosus	
Staurastrum sp.	
Arthrodesmus sp.	
Sphaerocystis 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.