

DEP Algal Taxonomy Summary Report

Date Reported: 22-JUL-2022	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-07-18-32	Collector: Matt Bearden
Event ID: WQAP-2022-07-22-02	Date Collected: 7/21/2022 11:42:00 AM
LIMS Sample ID: 2343371	Date Received: 7/22/2022 9:22:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Griffin - South Lobe	Sample Preservation: ICE
Field ID: HABCE0122_LakeGriffinLakeCo	Analyst: Rachael Dragon
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. Algae were abundant with approximately 75% being cyanobacteria.	

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanothece sp.</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Snowella sp.</i>		
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Planktolyngbya microspira</i>		
Chlorophyceae		
<i>Crucigenia apiculata</i>		
<i>Coelastrum microporum</i>		
<i>Staurastrum sp.</i>		

* 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.