

DEP Algal Taxonomy Summary Report

Date Reported: 29-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-11-07 Collector: Liz Bates, Katie March
Event ID: WQAP-2022-04-28-01 Date Collected: 4/27/2022 12:35:00 PM
LIMS Sample ID: 2322619 Date Received: 4/28/2022 9:37:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Griffin - South Lobe Sample Preservation: ICE
Field ID: HABCE0122_LakeGriffinLakeCo Analyst:
Sample Notes: The dominant taxon was *Cylindrospermopsis raciborskii*. The sample water was cloudy with fine specks. Diatoms were present.

Result: The dominant taxon was *Cylindrospermopsis raciborskii*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea sp.</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa sp.</i>	Undetermined	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Planktolyngbya contorta</i>		

Chlorophyceae

Scenedesmus quadricauda
Scenedesmus bijuga
Crucigenia apiculata
Crucigenia quadrata
Staurastrum 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.