

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 2:20:00 PM
LIMS Sample ID: 2322620 Date Received: 4/28/2022 9:37:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Apopka - Newton Park Dock Sample Preservation: ICE
Field ID: HABCE0120_LakeApopka Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was cloudy. Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea</i> sp.		
<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa</i> sp.	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Pseudanabaena</i> sp.	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
<i>Glaucospira</i> sp.		

Chlorophyceae

<i>Tetraedron minimum</i>		
<i>Kirchneriella</i> sp.		
<i>Crucigenia quadrata</i>		
<i>Coelastrum microporum</i>		
<i>Closterium</i> sp.		
<i>Staurastrum</i> sp.		
<i>Elakatothrix gelatinosa</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.