

DEP Algal Taxonomy Summary Report

Date Reported: 18-JAN-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-12-27-03 Collector: Katie March
Event ID: WQAP-2022-01-14-01 Date Collected: 1/13/2022 1:12:00 PM
LIMS Sample ID: 2299852 Date Received: 1/14/2022 12:04:00 PM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Copeland - SE Corner Sample Preservation: ICE
Field ID: HABCE0093_LakeCopeland1 Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear with very fine specks.
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>Aphanocapsa</i> sp.	Undetermined	
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Pseudanabaena limnetica</i>	Yes	

Chlorophyceae

Ankistrodesmus falcatus
Monoraphidium sp.
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus bicaudatus
Crucigenia crucifera
Botryococcus braunii
Staurastrum sp.

Euglenophyceae

Trachelomonas sp.
Phacus sp.

Cryptophyceae

Cryptomonas 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.