

DEP Algal Taxonomy Summary Report

Date Reported: 25-FEB-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-02-21-70 Collector: Liz Bates
Event ID: WQAP-2022-02-25-03 Date Collected: 2/24/2022 12:25:00 PM
LIMS Sample ID: 2308248 Date Received: 2/25/2022 11:23:00 AM
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. Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.
Tetraedron caudatum
Kirchneriella obesa
Monoraphidium sp.
Dictyosphaerium pulchellum
Pediastrum tetras
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus bicaudatus
Crucigenia crucifera
Crucigenia apiculata
Botryococcus braunii

* 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.