DEP Algal Taxonomy Summary Report

Date Reported: 28-OCT-2021
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-18-57
Collector: Victoria Schwartz
Event ID: WQAP-2021-10-27-02
Date Collected: 10/26/2021 11:21:00
LIMS Sample ID: 2286236
Date Received: 10/27/2021 9:40:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Lake Copeland - SE Corner
Sample Preservation: ICE
Field ID: HABCE0093_LakeCopeland 1
Analyst: Rachael Dragon

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		
Snowella lacustris		
Merismopedia warmingiana		
Microcystis wesenbergii	Yes	
Microcystis aeruginosa	Yes	
Cylindrospermopsis raciborskii	Yes	
Planktolyngbya lacustris		
Chlorophyceae		
Ankistrodesmus falcatus		
Kirchneriella sp.		
Dictyosphaerium ehrenbergianum		
Scenedesmus quadricauda		
Scenedesmus bijuga		
Crucigenia tetrapedia		
Crucigenia apiculata		
Crucigenia quadrata		
Staurastrum sp.		
Euglenophyceae		
Phacus 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.