

DEP Algal Taxonomy Summary Report

Date Reported: 10-AUG-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-07-25-05 Collector: Liz Bates
Event ID: WQAP-2022-08-09-02 Date Collected: 8/8/2022 2:15:00 PM
LIMS Sample ID: 2347185 Date Received: 8/9/2022 9:33:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Estelle - Dorchester and Mills Sample Preservation: ICE
Field ID: HABCE0135_LakeEstelle2 Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.
The algae appeared alive
and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Oscillatoria sp.</i>	Undetermined	
<i>Phormidium sp.</i>	Undetermined	
Chlorophyceae		
<i>Dictyosphaerium pulchellum</i>		
<i>Cosmarium sp.</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.