

DEP Algal Taxonomy Summary Report

Date Reported: 31-AUG-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-07-18-57 Collector: Leif Boman
Event ID: WQAP-2022-08-30-04 Date Collected: 8/29/2022 12:29:00 PM
LIMS Sample ID: 2353072 Date Received: 8/30/2022 9:34:00 PM
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: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Planktothrix agardhii</i>	Yes	
<i>Phormidium sp.</i>	Undetermined	
Chlorophyceae		
<i>Botryococcus braunii</i>		
<i>Closterium sp.</i>		
<i>Staurastrum 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.