

DEP Algal Taxonomy Summary Report

Date Reported: 03/19/2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-02-08-17	Collector: Elizabeth Bates, Katie March
Event ID: WQAP-2021-03-19-01	Date Collected: 3/18/2021 1:43:00 PM
LIMS Sample ID: 2232633	Date Received: 3/19/2021 10:07:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Estelle near OMA	Sample Preservation: ICE
Field ID: HABCE0058_LakeEstelle	Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Coelosphaerium dubium</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Kirchneriella sp.
Scenedesmus bijuga
Coelastrum sp.
Closterium sp.

Dinophyceae

Glenodinium 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.