

DEP Algal Taxonomy Summary Report

Date Reported: 06/10/2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-06-07-22	Collector: K.March + V.Schwartz
Event ID: WQAP-2021-06-10-02	Date Collected: 6/9/2021 11:37:00 AM
LIMS Sample ID: 2254365	Date Received: 6/10/2021 10:06:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Eustis @ NW Corner	Sample Preservation: ICE
Field ID: HABCE0075_Lake Eustis	Analyst: Jess Morse
Sample Notes: The sample water was clear with some specks. Diatoms were present.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Merismopedia tenuissima</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

Botryococcus braunii

Euglenophyceae

Lepocinclis sp.
Phacus 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.