

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-2021-06-07-45	Collector: Elizabeth Bates
Event ID: WQAP-2021-06-10-01	Date Collected: 6/9/2021 10:55:00 AM
LIMS Sample ID: 2254336	Date Received: 6/10/2021 10:06:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Howell - SW Corner	Sample Preservation: ICE
Field ID: HABCE0086_Lake Howell	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>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Dictyosphaerium pulchellum
Pediastrum sp.

Dinophyceae

Glenodinium sp.
Ceratium 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.