

DEP Algal Taxonomy Summary Report

Date Reported: 05/27/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-15-58 Collector: N. Abdo, S. Meyers
Event ID: WQAP-2021-05-27-04 Date Collected: 5/26/2021 9:05:00 AM
LIMS Sample ID: 2250570 Date Received: 5/27/2021 9:45:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Crago by Boat Ramp Sample Preservation: ICE
Field ID: HAB-SW-0031 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>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum helicoideum</i>	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolynghya limnetica</i>	

Chlorophyceae

Ankistrodesmus falcatus
Dictyosphaerium pulchellum

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.