

DEP Algal Taxonomy Summary Report

Date Reported: 21-AUG-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-19-36 Collector: Terry Riordan, Denver Bourassa
Event ID: CEN-DIST-2023-08-15-01 Date Collected: 8/14/2023 12:50:00 PM
LIMS Sample ID: 2430758 Date Received: 8/15/2023 9:27:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Tiger Lake - Center Sample Preservation: ICE
Field ID: HABCE0185 Analyst: Isaura Lorenzo-Perez
Sample Notes: The dominant taxon was *Microcystis wesenbergii*. The sample water was cloudy with specks present.

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Coelosphaerium kuetzingianum</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa incerta</i>	Yes	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Dictyosphaerium pulchellum</i>		
<i>Scenedesmus quadricauda</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.