

DEP Algal Taxonomy Summary Report

Date Reported: 11-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-03-21-11 Collector: Liz Bates, Katie March
Event ID: WQAP-2022-04-07-02 Date Collected: 4/6/2022 2:40:00 PM
LIMS Sample ID: 2317433 Date Received: 4/7/2022 9:20:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Mann - McQueen Park Sample Preservation: ICE
Field ID: HABCE0112_LakeMann Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanothece sp.</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae		
<i>Tetraedron minimum</i>		
<i>Ankistrodesmus falcatus</i>		
<i>Kirchneriella sp.</i>		
<i>Pediastrum duplex</i>		
<i>Scenedesmus quadricauda</i>		
<i>Scenedesmus bijuga</i>		
<i>Closterium sp.</i>		
<i>Staurastrum sp.</i>		
<i>Elakatothrix gelatinosa</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.