

DEP Algal Taxonomy Summary Report

Date Reported: 16-MAY-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-25-22 Collector: Leif Boman
Event ID: WQAP-2022-05-13-01 Date Collected: 5/12/2022 10:40:00 AM
LIMS Sample ID: 2326717 Date Received: 5/13/2022 9:24:00 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>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Planktolyngbya contorta</i>		

Chlorophyceae
Tetraedron caudatum
Kirchneriella sp.
Pediastrum duplex
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus abundans
Scenedesmus bicaudatus
Tetrastrum heterocanthum
Coelastrum microporum
Closterium 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.