

DEP Algal Taxonomy Summary Report

Date Reported: 22-MAR-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-27-48	Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2023-03-17-04	Date Collected: 3/16/2023 2:25:00 PM
LIMS Sample ID: 2394974	Date Received: 3/20/2023 9:30:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Sunset Lake - W Shore	Sample Preservation: ICE
Field ID: HABCE0165_SunsetLake	Analyst: Rachael Dragon
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Woronichinia naegeliana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Aphanizomenon sp.</i>	Undetermined	
Chlorophyceae		
<i>Staurostrum sp.</i>		
<i>Arthrodesmus sp.</i>		
Euglenophyceae		
<i>Trachelomonas sp.</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.