

DEP Algal Taxonomy Summary Report

Date Reported: 27-MAR-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-03-20-44	Collector: RENK
Event ID: WQAP-2023-03-24-04	Date Collected: 3/23/2023 10:55:00 AM
LIMS Sample ID: 2396186	Date Received: 3/24/2023 10:20:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Speer - NW Lobe	Sample Preservation: ICE
Field ID: HABOC0009_LakeSpeer1	Analyst:
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Dolichospermum sp. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.	

Result: The co-dominant taxa were Microcystis aeruginosa and Dolichospermum sp.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum sp.</i>		
<i>Pseudanabaena mucicola</i>	Yes	

* 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.