

DEP Algal Taxonomy Summary Report

Date Reported: 14-JUL-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-26-52	Collector: Matt Bearden, Denver Bourassa
Event ID: CEN-DIST-2023-07-13-01	Date Collected: 7/12/2023 1:00:00 PM
LIMS Sample ID: 2423439	Date Received: 7/13/2023 9:27:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake McCoy - North Lobe	Sample Preservation: ICE
Field ID: HABCE0204_LakeMcCoy	Analyst: Isaura Lorenzo-Perez
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Dolichospermum planctonicum. The water was clear with specks present.	

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Anabaena sp.</i>	Undetermined	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	

* 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.