

DEP Algal Taxonomy Summary Report

Date Reported: 29-MAY-2024
Request ID: RQ-2024-05-20-42
Event ID: CEN-DIST-2024-05-24-04
LIMS Sample ID: 2489061
Analysis: BLOOM-ID
Site Location: Cypress Lake - West Lobe
Field ID: HABCE0228
Sample Notes: The co-dominant taxa were Microcystis aeruginosa and Raphidiopsis acuminato-crispa. The sample water was clear with specks.
Diatoms were present. The algae appeared alive and healthy.

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: Jessie Atchison, Terry Riordan
Date Collected: 5/23/2024 10:20:00 AM
Date Received: 5/24/2024 9:02:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst:

Result: The co-dominant taxa were Microcystis aeruginosa and Raphidiopsis acuminato-crispa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
Microcystis aeruginosa	Yes	
Raphidiopsis acuminato-crispa	Yes	
Raphidiopsis raciborskii	Yes	
Chlorophyceae		
Ankistrodesmus sp.		
Botryococcus braunii		

* 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.