

DEP Algal Taxonomy Summary Report

Date Reported: 01-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-10-45	Collector: Matt Bearden, Victoria Schwartz
Event ID: WQAP-2023-04-28-03	Date Collected: 4/27/2023 9:58:00 AM
LIMS Sample ID: 2404048	Date Received: 4/28/2023 9:20:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Caywood Pond - SW Dock	Sample Preservation: ICE
Field ID: HABCE0193_CaywoodPond	Analyst: Rachael Dragon
Sample Notes: The dominant taxon was <i>Microcystis aeruginosa</i> . 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>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
Chlorophyceae		
<i>Oocystis sp.</i>		
<i>Dictyosphaerium pulchellum</i>		
<i>Closterium sp.</i>		
<i>Sphaerocystis 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.