

DEP Algal Taxonomy Summary Report

Date Reported: 09-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-10-06	Collector: Victoria Schwartz, Denver Bourassa
Event ID: WQAP-2023-05-09-03	Date Collected: 5/8/2023 10:25:00 AM
LIMS Sample ID: 2407570	Date Received: 5/9/2023 9:26:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Pearl - Woodside Village Ramp	Sample Preservation: ICE
Field ID: HABCE0178_LakePearl2	Analyst: Rachael Dragon
Sample Notes: The dominant taxon was Microcystis aeruginosa. 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>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
<i>Planktolyngbya lacustris</i>		

Chlorophyceae		
<i>Tetraedron caudatum</i>		
<i>Pediastrum boryanum</i>		
<i>Scenedesmus acuminatus</i>		
<i>Scenedesmus quadricauda</i>		
<i>Scenedesmus abundans</i>		
<i>Crucigenia tetrapedia</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.