

DEP Algal Taxonomy Summary Report

Date Reported: 15-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-24-32	Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2023-05-12-01	Date Collected: 5/11/2023 10:26:00 AM
LIMS Sample ID: 2409247	Date Received: 5/12/2023 9:30:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Burkett - Center	Sample Preservation: ICE
Field ID: HABCE0160_LakeBurkett	Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. The algae appeared alive and healthy.	

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Snowella sp.

<i>Cylindrospermopsis raciborskii</i>	Yes
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<i>Sphaerospermopsis aphanizomenoides</i>	
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<i>Aphanizomenon flosaquae</i>	Yes
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Planktolyngbya limnetica

Planktolyngbya microspira

Planktolyngbya lacustris

Chlorophyceae

Kirchneriella sp.

Pediastrum duplex

Euglenophyceae

Strombomonas sp.

* 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.