

DEP Algal Taxonomy Summary Report

Date Reported: 06-DEC-2023

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2023-08-07-37

Collector: Terry Riordan, Victoria Schwartz

Event ID: CEN-DIST-2023-12-05-01

Date Collected: 12/4/2023 11:57:00 AM

LIMS Sample ID: 2454236

Date Received: 12/5/2023 8:52:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Tiger Lake - Center

Sample Preservation: ICE

Field ID: HABCE0185

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

<i>Aphanocapsa incerta</i>	Yes	
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<i>Merismopedia warmingiana</i>		
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<i>Microcystis wesenbergii</i>	Yes	
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<i>Microcystis aeruginosa</i>	Yes	
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<i>Anabaenopsis circularis</i>	Undetermined	
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<i>Cylindrospermopsis raciborskii</i>	Yes	
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<i>Dolichospermum sp.</i>		
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<i>Sphaerospermopsis aphanizomenoides</i>		
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<i>Planktolyngbya contorta</i>		
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Chlorophyceae

<i>Ankistrodesmus falcatus</i>		
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<i>Pediastrum tetras</i>		
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<i>Scenedesmus quadricauda</i>		
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<i>Botryococcus braunii</i>		
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* 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.