

DEP Algal Taxonomy Summary Report

Date Reported: 10-MAY-2022	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-18-43	Collector: Liz Bates/Leif Boman
Event ID: WQAP-2022-05-10-01	Date Collected: 5/9/2022 12:58:00 PM
LIMS Sample ID: 2325531	Date Received: 5/10/2022 9:23:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Tiger Lake - East Shore	Sample Preservation: ICE
Field ID: HABCE0105_TigerLake	Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was cloudy. Diatoms were present.	

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea</i> sp.	
<i>Cyanodictyon imperfectum</i>	
<i>Aphanocapsa</i> sp.	Undetermined
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

<i>Tetraedron trigonum</i>
<i>Dictyosphaerium pulchellum</i>
<i>Pediastrum duplex</i>
<i>Pediastrum tetras</i>
<i>Scenedesmus bicaudatus</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.