

DEP Algal Taxonomy Summary Report

Date Reported: 10-NOV-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-25-53 Collector: L.Boman & V.Schwartz
Event ID: WQAP-2021-11-10-02 Date Collected: 11/9/2021 11:30:00 AM
LIMS Sample ID: 2289169 Date Received: 11/10/2021 9:38:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Eustis - canal near Linda Lane Sample Preservation: ICE
Field ID: HABCE0092_Lake Eustis2 Analyst: Rachael Dragon
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
---------------------	-------------------	----------

Cyanophyceae

<i>Aphanothece sp.</i>		
<i>Merismopedia tenuissima</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
<i>Planktolyngbya microspira</i>		

Chlorophyceae

<i>Scenedesmus sp.</i>		
<i>Scenedesmus quadricauda</i>		
<i>Tetrastrum staurogeniaeforme</i>		
<i>Stichococcus 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.