

DEP Algal Taxonomy Summary Report

Date Reported: 04-NOV-2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-25-53	Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2021-10-29-01	Date Collected: 10/28/2021 1:01:00 PM
LIMS Sample ID: 2286695	Date Received: 10/29/2021 9:57:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Howell - SW Corner	Sample Preservation: ICE
Field ID: HABCE0086_LakeHowell	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>Rhabdogloea sp.</i>		
<i>Cyanodictyon imperfectum</i>		
<i>Aphanocapsa sp.</i>	Undetermined	
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon sp.</i>	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya lacustris</i>		

Chlorophyceae

Tetraedron gracile
Ankistrodesmus falcatus
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Scenedesmus abundans
Scenedesmus perforatus
Tetrastrum heterocanthum
Euastrum 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.