

DEP Algal Taxonomy Summary Report

Date Reported: 06-APR-2023

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

Request ID: RQ-2023-04-10-05

Collector: Terry Riordan, Victoria Schwartz

Event ID: WQAP-2023-04-05-01

Date Collected: 4/4/2023 12:46:00 PM

LIMS Sample ID: 2398032

Date Received: 4/5/2023 9:25:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Sunset Lake - W Shore

Sample Preservation: ICE

Field ID: HABCE0165_SunsetLake

Analyst: Rachael Dragon

Sample Notes: The dominant taxon was *Aphanizomenon flosaquae*. The sample water was clear with specks.

Result: The dominant taxon was *Aphanizomenon flos-aquae*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Woronichinia naegeliana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
Chlorophyceae		
<i>Botryococcus braunii</i>		
<i>Staurastrum 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.