

DEP Algal Taxonomy Summary Report

Date Reported: 01-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-17-33	Collector: Matt Bearden, Victoria Schwartz
Event ID: WQAP-2023-04-28-02	Date Collected: 4/27/2023 12:11:00 PM
LIMS Sample ID: 2404029	Date Received: 4/28/2023 9:20:00 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.	

Result: The dominant taxon was Aphanizomenon flos-aquae.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Woronichinia naegeliana</i>		
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
Chrysophyceae		
<i>Mallomonas sp.</i>		
Chlorophyceae		
<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.