DEP Algal Taxonomy Summary Report

Date Reported: 29-JUN-2023
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-06-19-35
Collector: Terry Riordan, Victoria Schwartz
Event ID: CEN-DIST-2023-06-28-01
Date Collected: 6/27/2023 10:45:00 AM
LIMS Sample ID: 2420124
Date Received: 6/28/2023 9:29:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Sunset Lake - W Shore
Sample Preservation: ICE
Field ID: HABCE0165_SunsetLake
Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was Aphanizomenon flosaquae.The sample water was clear. The algae appeared alive and healthy.

Result: The dominant taxon was Aphanizomenon flosaquae.

Other Taxa Present:	**Toxin Potential ***	**Cells/mL**
Cyanophyceae		
Snowella sp.		
Cylindrospermopsis raciborskii	Yes	
Aphanizomenon flosaquae	Yes	
Chlorophyceae		
Planktosphaeria gelatinosa		
Actinastrum gracilimum		
Scenedesmus bijuga		
Closterium sp.		
Staurastrum sp.		
Dinophyceae		
Glenodinium 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.