

DEP Algal Taxonomy Summary Report

Date Reported: 19-JAN-2023

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

Request ID: RQ-2023-01-16-15

Collector: Katie March, Victoria Schwartz

Event ID: WQAP-2023-01-17-01

Date Collected: 1/12/2023 12:40:00 PM

LIMS Sample ID: 2380945

Date Received: 1/17/2023 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Ola-NE Shore

Sample Preservation: ICE

Field ID: HABCE0164_LakeOla

Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The water was clear with some specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
Chrysophyceae		
<i>Dinobryon sertularia</i>		
Chlorophyceae		
<i>Chlamydomonas sp.</i>		
<i>Tetraedron trigonum</i>		
<i>Tetraedron minimum</i>		
<i>Kirchneriella sp.</i>		
<i>Staurostrum 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.