

DEP Algal Taxonomy Summary Report

Date Reported: 27-APR-2023

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

Request ID: RQ-2023-04-17-32

Collector: Terry Riordan, Jessie Atchison

Event ID: WQAP-2023-04-26-01

Date Collected: 4/25/2023 9:51:00 AM

LIMS Sample ID: 2403050

Date Received: 4/26/2023 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Louise Lake - NW Lobe

Sample Preservation: ICE

Field ID: LouiseLake

Analyst:

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>Microcystis aeruginosa</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Botryococcus braunii</i>		
<i>Closterium 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.