

DEP Algal Taxonomy Summary Report

Date Reported: 06-JUN-2022

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

Request ID: RQ-2022-04-25-22

Collector: Terry Riordan

Event ID: WQAP-2022-06-03-02

Date Collected: 6/2/2022 12:13:00 PM

LIMS Sample ID: 2331806

Date Received: 6/3/2022 9:29:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Mariam - SE Corner

Sample Preservation: ICE

Field ID: HABCE0124_LakeMariam

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
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Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia punctata</i>		
<i>Merismopedia warmingiana</i>		
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Cuspidothrix issatschenkoi</i>	Yes	
<i>Planktolyngbya contorta</i>		

Chlorophyceae

<i>Pteromonas</i> sp.		
<i>Tetraedron trigonum gracile</i>		
<i>Scenedesmus bicaudatus</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.