

DEP Algal Taxonomy Summary Report

Date Reported: 17-JUN-2022

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

Request ID: RQ-2022-05-09-23

Collector: M. Bearden, L. Bates

Event ID: WQAP-2022-06-16-05

Date Collected: 6/15/2022 1:19:00 PM

LIMS Sample ID: 2335105

Date Received: 6/16/2022 9:35:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Monroe - NE Shore

Sample Preservation: ICE

Field ID: HABCE0129_LakeMonroe1

Analyst:

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Dolichospermum circinale*. The sample water was cloudy with specks.
Diatoms were present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Dolichospermum circinale*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes	
<i>Merismopedia warmingiana</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Planktolyngbya limnetica</i>		
<i>Planktolyngbya microspira</i>		

Chlorophyceae

Scenedesmus quadricauda

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.