

DEP Algal Taxonomy Summary Report

Date Reported: 20-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-18-43 Collector: Liz Bates
Event ID: WQAP-2022-04-20-02 Date Collected: 4/19/2022 2:12:00 PM
LIMS Sample ID: 2320470 Date Received: 4/20/2022 9:25:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Kathryn - West Lobe Sample Preservation: ICE
Field ID: HABCE0117_Lake Kathryn Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum circinale</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		

Chlorophyceae

Tetraedron minimum
Oocystis sp.
Ankistrodesmus falcatus
Pediastrum tetras
Scenedesmus quadricauda
Scenedesmus abundans
Crucigenia apiculata
Botryococcus braunii
Staurastrum 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.