

DEP Algal Taxonomy Summary Report

Date Reported: 09-MAY-2022	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-11-07	Collector: Liz Bates
Event ID: WQAP-2022-05-06-02	Date Collected: 5/5/2022 1:50:00 PM
LIMS Sample ID: 2325301	Date Received: 5/6/2022 9:30:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Kathryn - West Lobe	Sample Preservation: ICE
Field ID: HABCE0117_LakeKathryn	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>Merismopedia tenuissima</i>		
<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>		

Coscinodiscophyceae

Rhizosolenia sp.

Chlorophyceae

Tetraedron trigonum
Tetraedron minimum
Ankistrodesmus falcatus
Monoraphidium sp.
Actinastrum gracilimum
Scenedesmus quadricauda
Crucigenia quadrata

* 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.