

DEP Algal Taxonomy Summary Report

Date Reported: 03-JUN-2022	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-05-09-23	Collector: Vicroria Schwartz
Event ID: WQAP-2022-06-03-01	Date Collected: 6/2/2022 12:29:00 PM
LIMS Sample ID: 2331779	Date Received: 6/3/2022 9:29:00 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 fine specks. Diatoms were present.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia punctata</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Aphanizomenon flosaquae</i>	Yes	
<i>Planktolyngbya contorta</i>		
<i>Planktolyngbya limnetica</i>		
<i>Planktolyngbya lacustris</i>		

Chlorophyceae

Kirchneriella sp.
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Staurastrum sp.
Elakatothrix gelatinosa

* 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.