

DEP Algal Taxonomy Summary Report

Date Reported: 03-JAN-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-12-19-33 Collector: Leif B., Jessie A.
Event ID: WQAP-2022-12-28-01 Date Collected: 12/27/2022 11:33:00
LIMS Sample ID: 2377443 Date Received: 12/28/2022 10:47:00
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Raccoon Lake - Near Boat Ramp Sample Preservation: ICE
Field ID: HABCE0159_RaccoonLake 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
Cyanophyceae		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
Chlorophyceae		
<i>Staurostrum sp.</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.