

DEP Algal Taxonomy Summary Report

Date Reported: 24-FEB-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-02-27-21	Collector: Matt B, Victoria S
Event ID: WQAP-2023-02-23-01	Date Collected: 2/22/2023 2:19:00 PM
LIMS Sample ID: 2389542	Date Received: 2/23/2023 9:12:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Pineloch - E Shore	Sample Preservation: ICE
Field ID: HABCE0158_LakePineloch	Analyst: Rachael Dragon
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with specks.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Aphanothece sp.</i>		
<i>Merismopedia tenuissima</i>		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	

Chlorophyceae

Oocystis sp.
Actinastrum hantzschii
Scenedesmus bicaudatus
Closterium sp.
Staurostrum 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.