

DEP Algal Taxonomy Summary Report

Date Reported: 03-FEB-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-01-09-40	Collector: Matt Bearden, Jessie Atchison
Event ID: WQAP-2023-02-01-02	Date Collected: 1/31/2023 10:15:00 AM
LIMS Sample ID: 2384207	Date Received: 2/1/2023 10:15:00 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. Diatoms were present.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Merismopedia warmingiana</i>		
<i>Microcystis wesenbergii</i>	Yes	
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chrysophyceae		
<i>Dinobryon sp.</i>		
Chlorophyceae		
<i>Scenedesmus bicaudatus</i>		
<i>Elakatothrix gelatinosa</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.