

DEP Algal Taxonomy Summary Report

Date Reported: 22-MAR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-02-28-27 Collector: Liz Bates
Event ID: WQAP-2022-03-22-04 Date Collected: 3/21/2022 1:30:00 PM
LIMS Sample ID: 2313553 Date Received: 3/22/2022 10:05:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Chelton - between Forrest Rd and Glencoe Sample Preservation: ICE
Field ID: HABCE0104_LakeChelton Analyst:
Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with some specks. Diatoms were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
Chlorophyceae		
<i>Pediastrum duplex</i>		
<i>Botryococcus braunii</i>		
<i>Cosmarium sp.</i>		
<i>Euastrum sp.</i>		
Euglenophyceae		
<i>Phacus sp.</i>		
Dinophyceae		
<i>Glenodinium 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.