DEP Algal Taxonomy Summary Report

Date Reported: 14-APR-2023
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-10-44
Collector: Matt Bearden, Jessie Atchison
Event ID: WQAP-2023-04-12-02
Date Collected: 4/11/2023 12:15:00 PM
LIMS Sample ID: 2399740
Date Received: 4/12/2023 9:22:00 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: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present. Algae were abundant
with approximately 75% being cyanobacteria.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	**Toxin Potential ***	**Cells/mL**
Cyanophyceae		
Merismopedia tenuissima		
Microcystis aeruginosa	Yes	
Cylindrospermopsis raciborskii	Yes	
Aphanizomenon flosaquae	Yes	
Chlorophyceae		
Oocystis sp.		
Staurastrum 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.