DEP Algal Taxonomy Summary Report

Date Reported: 08-MAY-2023
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-04-24-09
Collector: Matt Bearden, Victoria Schwartz
Event ID: WQAP-2023-05-05-02
Date Collected: 5/4/2023 10:58:00 AM
LIMS Sample ID: 2405976
Date Received: 5/5/2023 9:20:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Lake Formosa - SW park
Sample Preservation: ICE
Field ID: HABCE0107_LakeFormosa1
Analyst:

Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear with 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		
Aphanocapsa incerta	Yes	
Snowella sp.		
Microcystis wesenbergii	Yes	
Microcystis aeruginosa	Yes	
Dolichospermum sp.		
Chrysophyceae		
Dinobryon sertularia		
Chlorophyceae		
Chlamydomonas sp.		
Botryococcus braunii		
Closterium sp.		
Cosmarium sp.		
Euastrum sp.		
Euglenophyceae		
Euglena sp.		
Dinophyceae		
Peridinium sp.		
Ceratium 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.