

DEP Algal Taxonomy Summary Report

Date Reported: 30-MAY-2023	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-05-22-61	Collector: Katie M, Victoria S
Event ID: WQAP-2023-05-26-01	Date Collected: 5/25/2023 10:32:00 AM
LIMS Sample ID: 2412982	Date Received: 5/26/2023 9:20:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: LAKE MAITLAND KRAFT AZALEA GARDEN	Sample Preservation: ICE
Field ID: HABCE0177_LakeMaitland2	Analyst: Isaura Lorenzo-Perez
Sample Notes: The dominant taxon was Microcystis aeruginosa. The water was clear with some specks present. The algae appeared alive and healthy.	

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Snowella sp.

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya limnetica

Chlorophyceae

Chlamydomonas sp.

Ankistrodesmus falcatus

Monoraphidium sp.

Dictyosphaerium pulchellum

Dinophyceae

Glenodinium 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.