

DEP Algal Taxonomy Summary Report

Date Reported: 03-JUN-2022

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2022-05-09-23

Collector: Vicroria Schwartz

Event ID: WQAP-2022-06-03-01

Date Collected: 6/2/2022 10:55:00 AM

LIMS Sample ID: 2331778

Date Received: 6/3/2022 9:29:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Dot - fishing Pier

Sample Preservation: ICE

Field ID: HABCE0125_LakeDot

Analyst:

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
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Cyanophyceae

Rhabdogloea sp.

Cyanodictyon imperfectum

Aphanocapsa delicatissima

Undetermined

Snowella lacustris

Microcystis aeruginosa

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya limnetica

Chlorophyceae

Tetraedron trigonum

Ankistrodesmus falcatus

Kirchneriella sp.

Monoraphidium sp.

Coelastrum microporum

Closterium sp.

Staurastrum sp.

Elakatothrix gelatinosa

* 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.