

DEP Algal Taxonomy Summary Report

Date Reported: 19-DEC-2022

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

Request ID: RQ-2022-12-12-39

Collector: Mike Linger, Rob Renk

Event ID: WQAP-2022-12-14-01

Date Collected: 12/13/2022 10:15:00

LIMS Sample ID: 2374943

Date Received: 12/14/2022 9:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Roper - NE Shore

Sample Preservation: ICE

Field ID: HABOC0011_LakeRoper

Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The water was clear with specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Coelosphaerium kuetzingianum

Aphanocapsa delicatissima

Undetermined

Microcystis aeruginosa

Yes

Anabaena sp.

Undetermined

Cylindrospermopsis raciborskii

Yes

Cuspidothrix issatschenkoi

Yes

Planktothrix agardhii

Yes

Chrysophyceae

Synura uvella

Chlorophyceae

Chlamydomonas sp.

Ankistrodesmus falcatus

Monoraphidium sp.

Dictyosphaerium pulchellum

Botryococcus braunii

* 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.