

DEP Algal Taxonomy Summary Report

Date Reported: 22-SEP-2021

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

Request ID: RQ-2021-09-06-61

Collector: Matthew Bearden

Event ID: WQAP-2021-09-17-01

Date Collected: 9/15/2021 11:40:00 AM

LIMS Sample ID: 2276338

Date Received: 9/17/2021 10:22:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Haines- Four Lakes Dock

Sample Preservation: ICE

Field ID: HABCE0078_LakeHaines

Analyst: Isaura Lorenzo-Perez

Sample Notes: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*.

The sample was clear with some specks present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Microcystis wesenbergii*.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Rhabdogloea sp.

Aphanocapsa delicatissima

Undetermined

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Dolichospermum circinale

Yes

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

Monoraphidium sp.

Dictyosphaerium pulchellum

Scenedesmus abundans

Closterium sp.

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.