

DEP Algal Taxonomy Summary Report

Date Reported: 14-OCT-2021

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

Request ID: RQ-2021-08-30-53

Collector: Liz Bates, T.Riordan

Event ID: WQAP-2021-10-12-02

Date Collected: 10/11/2021 12:35:00

LIMS Sample ID: 2282619

Date Received: 10/12/2021 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Emerald - SE park shore

Sample Preservation: ICE

Field ID: HABCE0088_LakeEmerald

Analyst: Rachael Dragon

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Aphanothece sp.

Aphanocapsa sp.

Undetermined

Aphanocapsa delicatissima

Undetermined

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaenopsis circularis

Undetermined

Dolichospermum planctonicum

Undetermined

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Ankistrodesmus falcatus

Monoraphidium sp.

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Scenedesmus bijuga

Cosmarium sp.

Euglenophyceae

Phacus 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.