

DEP Algal Taxonomy Summary Report

Date Reported: 28-OCT-2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-10-18-57 Collector: Victoria Schwartz
Event ID: WQAP-2021-10-27-02 Date Collected: 10/26/2021 12:15:00
LIMS Sample ID: 2286235 Date Received: 10/27/2021 9:40:00 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.
Approximately 75% were cyanobacteria.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Aphanothece sp.

Cyanodictyon imperfectum

Aphanocapsa incerta

Yes

Aphanocapsa delicatissima

Undetermined

Snowella lacustris

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Aphanizomenon flosaquae

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Tetraedron caudatum

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Crucigenia rectangularis

* 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.