

DEP Algal Taxonomy Summary Report

Date Reported: 03/11/2021

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

Request ID: RQ-2021-03-08-13

Collector: Ben Paswater

Event ID: WQAP-2021-03-11-01

Date Collected: 3/10/2021 9:40:00 AM

LIMS Sample ID: 2230701

Date Received: 3/11/2021 10:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Crago by Boat Ramp

Sample Preservation: ICE

Field ID: HAB-SW-0031

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with a slight green color.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium sp.

Rhabdogloea sp.

Snowella lacustris

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Anabaenopsis circularis

Undetermined

Dolichospermum sp.

Dolichospermum circinale

Yes

Dolichospermum planctonicum

Undetermined

Aphanizomenon flosaquae

Yes

Pseudanabaena sp.

Undetermined

Pseudanabaena mucicola

Yes

Chlorophyceae

Scenedesmus acuminatus

Scenedesmus quadricauda

Scenedesmus bicaudatus

Crucigenia apiculata

Euglenophyceae

Trachelomonas 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.