

DEP Algal Taxonomy Summary Report

Date Reported: 02/10/2020

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

Request ID: RQ-2020-02-03-83

Collector: M. Bearden

Event ID: WQAP-2020-02-10-01

Date Collected: 2/6/2020 11:10:00 AM

LIMS Sample ID: 2156079

Date Received: 2/10/2020 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Mariana - Near Ramp

Sample Preservation: ICE

Field ID: HAB-SW-0010

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear. The algae appeared alive and healthy.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium kuetzingianum

Aphanothece sp.

Snowella sp.

Merismopedia tenuissima

Merismopedia warmingiana

Cylindrospermopsis acuminato-crispa

Cylindrospermopsis catemaco

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya brevicellularis

Chlorophyceae

Tetraedron caudatum

Ankistrodesmus falcatus

Dictyosphaerium pulchellum

Scenedesmus acuminatus

Euglenophyceae

Trachelomonas sp.

Dinophyceae

Peridinium 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.