

DEP Algal Taxonomy Summary Report

Date Reported: 06/07/2019

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

Request ID: RQ-2019-05-13-34

Collector: OC Staff, Natalie Ayala

Event ID: WQAP-2019-06-07-01

Date Collected: 6/6/2019 9:10:00 AM

LIMS Sample ID: 2093063

Date Received: 6/7/2019 10:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Cypress Lake Bloom

Sample Preservation: ICE

Field ID: Cypress Lake Bloom

Analyst: Rachael Dragon

Sample Notes: The sample water was clear.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Cyanodictyon imperfectum

Merismopedia warmingiana

Aphanizomenon flosaquae

Yes

Planktothrix agardhii

Yes

Chlorophyceae

Tetraedron caudatum

Oocystis sp.

Scenedesmus bijuga

Crucigenia rectangularis

Dictyosphaerium sp.

Botryococcus braunii

Staurastrum sp.

Cosmarium sp.

Sphaerocystis sp.

Elakatothrix 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.