

DEP Algal Taxonomy Summary Report

Date Reported: 06-25-2019

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

Request ID: RQ-2019-05-06-31

Collector: B. Davis, C. Ruben

Event ID: WQAP-2019-06-25-01

Date Collected: 6/24/2019 2:00:00 PM

LIMS Sample ID: 2097927

Date Received: 6/25/2019 9:35:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Doctors Inlet - E. of Lakeshore Dr

Sample Preservation: ICE

Field ID: Doctors Inlet - E. of Lakeshore

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy.

Result: The dominant taxon was *Planktolyngbya limnetica*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Aphanocapsa delicatissima

Undetermined

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Anabaena sp.

Undetermined

Anabaenopsis circularis

Undetermined

Aphanizomenon flosaquae

Yes

Planktothrix sp.

Undetermined

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Kirchneriella obesa

Dictyosphaerium pulchellum

Scenedesmus abundans

* 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.