

DEP Algal Taxonomy Summary Report

Date Reported: 02/12/2020

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

Request ID: RQ-2020-02-03-77

Collector: S.Overstreet / S.Barr

Event ID: SJRWMD-2020-02-12-01

Date Collected: 2/10/2020 8:49:00 AM

LIMS Sample ID: 2156697

Date Received: 2/12/2020 10:10:00 AM

Analysis: ALGAL_ID

Sample Container: Plastic Tube 50 mL

Site Location: Crescent Lake (Mouth of Dunns Creek)

Sample Preservation: ICE

Field ID: CRESLM

Analyst: Jess Morse

Sample Notes: The sample was clear.

Result: The dominant taxon was *Planktolyngbya limnetica*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Cyanodictyon imperfectum

Merismopedia warmingiana

Cylindrospermopsis raciborskii

Yes

Dolichospermum circinale

Yes

Cuspidothrix issatschenkoi

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Euglenophyceae

Trachelomonas sp.

Phacus 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.