

DEP Algal Taxonomy Summary Report

Date Reported: 07/15/2019

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

Request ID: RQ-2019-07-08-79

Collector: J.Ashton, B.Paswater

Event ID: WQAP-2019-07-12-01

Date Collected: 7/11/2019 10:50:00 AM

LIMS Sample ID: 2102645

Date Received: 7/12/2019 10:05:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: LAKE SEMINOLE NORTH

Sample Preservation: ICE

Field ID: LAKE SEMINOLE NORTH

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy.

Result: The co-dominant taxa were *Planktolyngbya limnetica* and *Cylindrospermopsis raciborskii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Chroococcus dispersus

Aphanothece sp.

Snowella sp.

Merismopedia tenuissima

Merismopedia warmingiana

Microcystis wesenbergii

Yes

Microcystis aeruginosa

Yes

Cylindrospermopsis raciborskii

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Tetraedron minimum

Scenedesmus dimorphus

Cosmarium 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.