

DEP Algal Taxonomy Summary Report

Date Reported: 5/24/2019

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

Request ID: RQ-2019-05-13-60

Collector: JOHN BARRINGTON

Event ID: WQAP-2019-05-24-02

Date Collected: 5/23/2019 1:05:00 PM

LIMS Sample ID: 2088955

Date Received: 5/24/2019 10:25:00

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: ORANGE RIVER MOUTH

Sample Preservation: ICE

Field ID: SD052319-001

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

Cyanodictyon sp.

Aphanocapsa incerta

Yes

Aphanocapsa delicatissima

Undetermined

Snowella sp.

Merismopedia warmingiana

Dolichospermum sp.

Aphanizomenon flosaquae

Yes

Cuspidothrix issatschenkoi

Yes

Planktolyngbya limnetica

Chlorophyceae

Oocystis sp.

Monoraphidium sp.

Dictyosphaerium ehrenbergianum

Scenedesmus acuminatus

Scenedesmus opoliensis

Selenastrum 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.