

DEP Algal Taxonomy Summary Report

Date Reported: 9/17/2020

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

Request ID: RQ-2020-07-27-32

Collector: J. Ashton

Event ID: WQAP-2020-09-17-02

Date Collected: 9/15/2020 9:45:00 AM

LIMS Sample ID: 2196532

Date Received: 9/17/2020 10:55:00

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Harbor Isles - Southern Lobe

Sample Preservation: ICE

Field ID: HAB-SW-0008

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear with some specks. The benthic diatoms, *Chaetoceros* sp. and *Cyclotella* sp., were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanocapsa incerta

Yes

Microcystis aeruginosa

Yes

Pseudanabaena sp.

Undetermined

Planktolyngbya limnetica

Chlorophyceae

Oocystis sp.

Crucigenia quadrata

* 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.