

# DEP Algal Taxonomy Summary Report

Date Reported: 12/17/2020

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

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

Collector: Matthew Bearden

Event ID: WQAP-2020-12-16-01

Date Collected: 12/15/2020 10:25:00 AM

LIMS Sample ID: 2213726

Date Received: 12/16/2020 10:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Harbor Isles - Southern Lobe

Sample Preservation: ICE

Field ID: HAB-SW-0008

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with specks present. Diatoms were present.

**Result:** The dominant taxon was *Microcystis aeruginosa*.

**Other Taxa Present:**

**Toxin Potential \***

**Cyanophyceae**

*Coelosphaerium* sp.

*Aphanocapsa incerta*

Yes

*Merismopedia warmingiana*

*Microcystis aeruginosa*

Yes

*Cylindrospermopsis raciborskii*

Yes

**Coscinodiscophyceae**

*Chaetoceros* sp.

**Chlorophyceae**

*Crucigenia tetrapedia*

\* 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.