

DEP Algal Taxonomy Summary Report

Date Reported: 1/15/2019

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-06-11-37

Collector: M.Bearden

Event ID: SW-DIST-2019-01-11-01

Date Collected: 1/10/2019 2:30:00 PM

LIMS Sample ID: 2053674

Date Received: 1/11/2019 9:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Harbor Isle Algal Bloom Response

Sample Preservation: ICE

Field ID: HARBOR ISLE

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear with specks present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Chroococcus dispersus

Cyanodictyon sp.

Aphanocapsa sp.

Undetermined

Aphanocapsa incerta

Yes

Snowella sp.

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Aphanizomenon flosaquae

Yes

Pseudanabaena sp.

Undetermined

Chlorophyceae

Chlamydomonas sp.

Dictyosphaerium pulchellum

Scenedesmus quadricauda

Scenedesmus opoliensis

Coelastrum microporum

Elakatothrix gelatinosa

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.