

DEP Algal Taxonomy Summary Report

Date Reported: 02/20/2019

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

Request ID: RQ-2019-02-18-65

Collector: M.Bearden

Event ID: SW-DIST-2019-02-19-01

Date Collected: 2/18/2019 11:05:00 AM

LIMS Sample ID: 2063326

Date Received: 2/19/2019 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Harbor Isle Follow-Up Algal Bloom Response

Sample Preservation: ICE

Field ID: HARBOR ISLE

Analyst: Rachael Dragon

Sample Notes: The sample had a thick layer of floating specks.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis</i> sp.	Undetermined
<i>Microcystis wessenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Pseudanabaena mucicola</i>	Yes

* 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.