

DEP Algal Taxonomy Summary Report

Date Reported: 05/13/2019

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

Request ID: RQ-2019-05-13-56

Collector: Chase Conley, John Barrington

Event ID: WQAP-2019-05-10-03

Date Collected: 5/9/2019 1:35:00 PM

LIMS Sample ID: 2085528

Date Received: 5/10/2019 10:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Doctors Bay @ Park Shore

Sample Preservation: ICE

Field ID: SD05092019-002

Analyst: Isaura Lorenzo-Perez

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

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes

Chlorophyceae

Chlamydomonas sp.

Dinophyceae

Glenodinium sp.
Peridinium 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.