

DEP Algal Taxonomy Summary Report

Date Reported: 09/07/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-09-04-43 Collector: Brian Davis, Amy Kalmbacher
Event ID: WQAP-2017-09-06-01 Date Collected: 9/5/2017 10:25:00 AM
LIMS Sample ID: 1927500 Date Received: 9/6/2017 10:30:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: St. John's River West of Julington Creek Mouth Sample Preservation: ICE
Field ID: SJR-ES Analyst: Rachael Dragon
Sample Notes: The sample contained large floating colonies of algae. The algae appeared healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes

Chlorophyceae

Chlamydomonas sp.

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.