

DEP Algal Taxonomy Summary Report

Date Reported: 10/17/2017	Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-09-18-20	Collector: Brian Davis, J. Parrish
Event ID: NE-DIST-2017-10-06-01	Date Collected: 10/5/2017 12:30:00 PM
LIMS Sample ID: 1934933	Date Received: 10/6/2017 10:10:00 AM
Analysis: ALGAL_ID	Sample Container: Plastic Tube 50 mL
Site Location: Cross Abv 325	Sample Preservation: ICE
Field ID: G1NE0893	Analyst: Rachael Dragon

Sample Notes: The sample contained green filaments. The algae appeared healthy. Diatoms were present in the sample.

Result: The dominant taxon was *Spirogyra crassa*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Oscillatoria</i> sp.	Undetermined
<i>Lyngbya aestuarii</i>	Yes

Chlorophyceae

Spirogyra sp.
Spirogyra crassa
Mougeotia sp.
Oedogonium 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.