

DEP Algal Taxonomy Summary Report

Date Reported: 05/01/2017	Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-04-10-09	Collector: COREY ANDERSON/KAITLIN DEAETH
Event ID: WQAP-2017-04-20-01	Date Collected: 4/19/2017 8:50:00 AM
LIMS Sample ID: 1890641	Date Received: 4/20/2017 10:10:00 AM
Analysis: ALGAL_ID	Sample Container: Plastic Tube 50 mL
Site Location: ALLIGATOR CR SOUTH BRANCH @ SR768	Sample Preservation: ICE
Field ID: G2SD041917-22	Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water. The benthic, attached diatom, <i>Gomphonema</i> sp., was abundant. Algae appeared alive and healthy.	

Result: The co-dominant taxa were *Spirogyra crassa* and *Rhizoclonium hieroglyphicum*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Plectonema wollei Yes

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Rhizoclonium hieroglyphicum

Spirogyra sp.

Spirogyra crassa

Closterium sp.

Oedogonium sp.

Rhodophyceae

Compsopogon coeruleus

* 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.