

DEP Algal Taxonomy Summary Report

Date Reported: 10/20/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-10-19-16	Collector: Avril Wood-McGrath/Blake Spencer
Event ID: WAS-SECT-2020-10-19-01	Date Collected: 10/19/2020 11:30:00 AM
LIMS Sample ID: 2203270	Date Received: 10/19/2020 1:30:00 PM
Analysis: ALGAL_ID	Sample Container: Plastic Tube 50 mL
Site Location: Wakulla River at Boat Tram	Sample Preservation: ICE
Field ID: 44059	Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained green filaments attached to plant leaves and water. The benthic diatoms *Gomphonema* sp., *Cocconeis* sp., *Melosira* sp., and *Fragilaria* sp., were abundant. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Spirogyra* sp. and *Cladophora glomerata*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Lyngbya</i> sp.	Undetermined
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

Cladophora glomerata
Spirogyra sp.
Oedogonium sp.
Ctenocladus circinnatus

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.