

DEP Algal Taxonomy Summary Report

Date Reported: 07/21/2020

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

Request ID: RQ-2020-04-20-03

Collector: Blake / Avril

Event ID: WAS-SECT-2020-07-20-01

Date Collected: 7/20/2020 11:15:00 AM

LIMS Sample ID: 2184202

Date Received: 7/20/2020 2:14:00 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 a large algal mat in water with the following benthic attached diatoms: *Melosira* sp., *Gomphonema* sp., *Nitzschia amphibia*, and *Pleurosira laevis*. The algae appeared alive and healthy.

Result: The dominant taxon was *Ctenocladus circinnatus*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Geitleribactron periphyticum

Chlorophyceae

Cladophora glomerata

Ctenocladus circinnatus

* 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.