

DEP Algal Taxonomy Summary Report

Date Reported: 10/25/2019

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

Request ID: RQ-2019-10-21-13

Collector: J. Burtchett, A. Woods-McGrath

Event ID: AMBIENT-2019-10-23-03

Date Collected: 10/23/2019 10:50:00 AM

LIMS Sample ID: 2130994

Date Received: 10/23/2019 4:19:00 PM

Analysis: ALGAL_ID

Sample Container: Plastic Tube 50 mL

Site Location: 034879

Sample Preservation: ICE

Field ID: S266

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water. The benthic attached diatoms, *Nitzschia amphibia*, *Cocconeis* sp., *Gomphonema* sp., *Terpsinoe musica*, and *Pleurosira laevis*, were abundant. Algae appeared alive and healthy.

Result: The dominant taxon was *Cladophora glomerata*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Plectonema wollei

Yes

Heteroleibleinia sp.

Chlorophyceae

Cladophora glomerata

* 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.