

DEP Algal Taxonomy Summary Report

Date Reported: 08/12/2020

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

Request ID: RQ-2020-04-20-14

Collector: A. W-McGrath,B.Spencer

Event ID: AMBIENT-2020-07-21-02

Date Collected: 7/21/2020 12:30:00 PM

LIMS Sample ID: 2184493

Date Received: 7/21/2020 1:57:00 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 mat in water. The benthic attached diatoms *Nitzschia amphibia*, *Cocconeis* sp., and *Fragilaria* sp., were present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Spyrogyra crassa* and *Chladophora glomerata*.

Other Taxa Present:

Toxin Potential *

Chlorophyceae

Cladophora glomerata

Spyrogyra crassa

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.