

DEP Algal Taxonomy Summary Report

Date Reported: 05-09-2019

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

Request ID: RQ-2019-05-06-74

Collector: M.Bearden

Event ID: SW-DIST-2019-05-10-01

Date Collected: 5/9/2019 12:20:00 PM

LIMS Sample ID: 2085524

Date Received: 5/10/2019 10:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Palma Sola Bay Bloom Response

Sample Preservation: ICE

Field ID: PALMA SOLA BAY

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in pink water. The benthic attached diatoms, *Pleurosigma* sp., *Grammatophora* sp., and *Fragilariaceae* sp., were present. Algae appeared alive and healthy.

Result: Dominant taxon was Lyngbya-like filamentous cyanobacteria (cf. *Lyngbya majuscula*)

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Lyngbya majuscula

* 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.