

DEP Algal Taxonomy Summary Report

Date Reported: 30 May 2019

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

Request ID: RQ-2019-05-27-45

Collector: Maryann Dugan, Gary Snorek

Event ID: WQAP-2019-05-29-04

Date Collected: 5/28/2019 12:30:00 PM

LIMS Sample ID: 2089466

Date Received: 5/29/2019 9:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Hudson Bayou @ Selby Gardens

Sample Preservation: ICE

Field ID: SD052819-001

Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in pink colored water. The benthic attached diatoms, *Hyalosynedra* sp., *Pleurosigma* sp., *Rhabdonema* sp., and *Navicula* 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

Nodularia sp.

Calothrix sp.

Oscillatoria sp.

Lyngbya majuscula

Undetermined

* 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.