

DEP Algal Taxonomy Summary Report

Date Reported: 21 May 2019	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-05-20-17	Collector: Kelby Callahan
Event ID: SW-DIST-2019-05-21-01	Date Collected: 5/20/2019 11:25:00 AM
LIMS Sample ID: 2087597	Date Received: 5/21/2019 10:55:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: HOLMES BEACH FOLLOW-UP BLOOM	Sample Preservation: ICE
Field ID: HOLMES BEACH	Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in pink water. The benthic attached diatoms, *Coscinodiscus* sp., *Grammatophora* sp., *Rhabdonema* sp., and *Pleurosira laevis* were abundant. Algae appeared alive and healthy.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Calothrix sp.

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.