DEP Algal Taxonomy Summary Report

Date Reported: 16-MAY-2019
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-01-07-14
Collector: Gary Snorek, Nicole Reistad
Event ID: WQAP-2019-05-07-03
Date Collected: 5/6/2019 11:00:00 AM
LIMS Sample ID: 2083623
Date Received: 5/7/2019 10:00:00 AM
Analysis: BLOOM-ID
Sample Container: Plastic Tube 50 mL
Site Location: Blackburn Point Park
Sample Preservation: ICE
Field ID: SD050619-003
Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water. Mostly disintegrated filaments of *Lyngbya*-like cyanobacteria (cf. *Lyngbya majuscula*) were observed in the sample. The benthic attached diatoms, *Grammatophora* sp., *Amphora* sp., and *Coscinodiscus* sp., were present in the sample.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Oscillatoria granulata
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.