

DEP Algal Taxonomy Summary Report

Date Reported: 1/15/2020

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

Request ID: RQ-2020-01-13-67

Collector: Michael King

Event ID: WQAP-2020-01-14-04

Date Collected: 1/12/2020 3:45:00 PM

LIMS Sample ID: 2149221

Date Received: 1/14/2020 2:50:00 PM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Direct Runoff upstream of Loral Drive

Sample Preservation: ICE

Field ID: HAB_01122020_DIRECTRUNOFF

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was green in color. Specks were visible in the sample. Algae appeared alive and healthy.

Result: The co-dominant taxa were *Dolichospermum circinale* and *Microcystis wesenbergii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Coelosphaerium dubium

Microcystis sp.

Undetermined

Microcystis wesenbergii

Yes

Dolichospermum circinale

Yes

Dolichospermum planctonicum

Undetermined

Pseudanabaena mucicola

Yes

* 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.