

DEP Algal Taxonomy Summary Report

Date Reported: 10/01/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-09-21-38	Collector: Tanya Linzy
Event ID: WQAP-2020-10-01-01	Date Collected: 9/29/2020 4:24:00 PM
LIMS Sample ID: 2199249	Date Received: 10/1/2020 9:55:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Drainage into Santa Rosa Sound	Sample Preservation: ICE
Field ID: Laurel St & Bay St drainedCu	Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was green in color with specks present. The benthic diatoms, <i>Aulacoseira granulata</i> and <i>Nitzschia</i> sp., were present. The algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Anabaena</i> sp.	Undetermined
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Jaaginema geminatum</i>	

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Scenedesmus quadricauda

Euglenophyceae

Phacus sp.

* 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.