

DEP Algal Taxonomy Summary Report

Date Reported: 08/19/2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-08-23-27	Collector: Kim Appleby, Brian Davis
Event ID: WQAP-2021-08-19-01	Date Collected: 8/18/2021 1:15:00 PM
LIMS Sample ID: 2270384	Date Received: 8/19/2021 9:35:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Christopher Creek below San Jose Blvd	Sample Preservation: ICE
Field ID: NEHAB0024	Analyst: Jess Morse

Sample Notes: The sample water was clear with specks. Diatoms were present. Approximately 50% of the sample was cyanobacteria.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Merismopedia warmingiana
Microcystis aeruginosa
Planktolyngbya contorta

Yes

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Monoraphidium sp.
Scenedesmus quadricauda
Botryococcus braunii
Closterium sp.

Euglenophyceae

Phacus sp.

Dinophyceae

Glenodinium 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.