

DEP Algal Taxonomy Summary Report

Date Reported: 08/06/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-07-26-26 Collector: Brian Davis
Event ID: WQAP-2021-08-05-01 Date Collected: 8/4/2021 11:30:00 AM
LIMS Sample ID: 2267796 Date Received: 8/5/2021 9:55:00 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.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Microcystis aeruginosa Yes

Xanthophyceae

Ophiocytium capitatum longispinum

Chlorophyceae

Chlamydomonas sp.

Eudorina elegans

Dictyosphaerium ehrenbergianum

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.