

DEP Algal Taxonomy Summary Report

Date Reported: 04/28/2021

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

Request ID: RQ-2021-04-19-55

Collector: Sue Davis

Event ID: WQAP-2021-04-28-02

Date Collected: 4/27/2021 9:41:00 AM

LIMS Sample ID: 2243441

Date Received: 4/28/2021 11:00:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Davis Boat Ramp

Sample Preservation: ICE

Field ID: Davis Boat Ramp

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

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Dolichospermum circinale

Yes

Aphanizomenon flosaquae

Yes

Cuspidothrix issatschenkoi

Yes

Planktothrix agardhii

Yes

Chlorophyceae

Chlamydomonas sp.

Closterium 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.