

DEP Algal Taxonomy Summary Report

Date Reported: 01/08/2020
Request ID: RQ-2019-06-17-38
Event ID: WQAP-2020-01-08-03
LIMS Sample ID: 2147481
Analysis: BLOOM-ID
Site Location: Davis Boat Ramp
Field ID: Davis Boat Ramp

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: Sue Davis
Date Collected: 1/7/2020 9:54:00 AM
Date Received: 1/8/2020 10:05:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Jess Morse

Sample Notes: The sample was clear with speaks present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii*.

Other Taxa Present: Toxin Potential *

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Anabaena</i> sp.	Undetermined
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Planktothrix agardhii</i>	Yes

Chlorophyceae

Chlamydomonas 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.