

DEP Algal Taxonomy Summary Report

Date Reported: 03/04/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-08-13 Collector: Ben Paswater
Event ID: WQAP-2021-03-04-01 Date Collected: 3/3/2021 12:15:00 PM
LIMS Sample ID: 2228931 Date Received: 3/4/2021 10:20:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Buckeye @ Boat Ramp Sample Preservation: ICE
Field ID: HAB-CE-0060 Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Aphanizomenon flosaquae*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Merismopedia tenuissima</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Anabaenopsis</i> sp.	
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Crucigenia sp.
Botryococcus braunii

Dinophyceae

Ceratium 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.