

DEP Algal Taxonomy Summary Report

Date Reported: 03/18/2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-15-22	Collector: Leif Boman, Victoria Schwartz
Event ID: WQAP-2021-03-18-01	Date Collected: 3/17/2021 1:09:00 PM
LIMS Sample ID: 2232337	Date Received: 3/18/2021 9:40:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Lake Holden - 90m S of Lake Holden Point	Sample Preservation: ICE
Field ID: HABCE0072_LakeHolden	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 *
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Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Anabaena</i> sp.	Undetermined
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Crucigenia sp.
Coelastrum sp.
Botryococcus braunii
Staurastrum sp.
Cosmarium 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.