

DEP Algal Taxonomy Summary Report

Date Reported: 04/23/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-22-10 Collector: Mike Linger
Event ID: WQAP-2021-04-23-02 Date Collected: 4/22/2021 11:10:00 AM
LIMS Sample ID: 2241939 Date Received: 4/23/2021 10:13:00 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 some specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Dictyosphaerium pulchellum
Botryococcus braunii
Elakatothrix gelatinosa

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.