

DEP Algal Taxonomy Summary Report

Date Reported: 04/01/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-08-10 Collector: Katie March, Leif Boman
Event ID: WQAP-2021-04-01-01 Date Collected: 3/31/2021 12:11:00 PM
LIMS Sample ID: 2235431 Date Received: 4/1/2021 9:45:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Willisara @ Center Sample Preservation: ICE
Field ID: HABCE0064_LakeWillisara 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>Snowella</i> sp.	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Ankistrodesmus falcatus
Dictyosphaerium pulchellum
Pediastrum sp.
Scenedesmus quadricauda
Coelastrum sp.
Botryococcus braunii
Staurastrum 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.