

DEP Algal Taxonomy Summary Report

Date Reported: 09/01/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-04-13-44	Collector: M.Bearden
Event ID: WQAP-2020-09-01-01	Date Collected: 8/31/2020 10:10:00 AM
LIMS Sample ID: 2193224	Date Received: 9/1/2020 11:35:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Tiger Lake - Near Ramp	Sample Preservation: ICE
Field ID: HAB-SW-0016	Analyst: Jess Morse
Sample Notes: The sample water was clear with some specks. Diatoms were present.	

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum helicoideum</i>	
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes
<i>Planktolyngbya contorta</i>	

Chlorophyceae

Scenedesmus quadricauda

* 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.