

DEP Algal Taxonomy Summary Report

Date Reported: 03/19/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-03-15-22 Collector: Terry Riordan, Victoria Schwartz
Event ID: WQAP-2021-03-19-02 Date Collected: 3/18/2021 11:26:00 AM
LIMS Sample ID: 2232649 Date Received: 3/19/2021 10:07:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Trout Lake Canal - 35m from FL-19 Sample Preservation: ICE
Field ID: HABCE0077_TroutLakeCanal Analyst: Jess Morse
Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The co-dominant taxa were *Microcystis wesenbergii* and *Dolichospermum circinale*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<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>Spirulina</i> sp.	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

Dictyosphaerium pulchellum
Pediastrum duplex
Scenedesmus acuminatus
Scenedesmus bijuga
Scenedesmus bicaudatus

* 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.