

DEP Algal Taxonomy Summary Report

Date Reported: 08/06/2021 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-07-19-08 Collector: Bates, Liz
Event ID: WQAP-2021-08-06-02 Date Collected: 8/5/2021 2:25:00 PM
LIMS Sample ID: 2267887 Date Received: 8/6/2021 9:40:00 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_Trout Lake Canal 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>Aphanocapsa incerta</i>	Yes
<i>Snowella</i> sp.	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Anabaenopsis circularis</i>	Undetermined
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Kirchneriella sp.
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Scenedesmus producto-capitatus
Crucigenia sp.
Botryococcus braunii
Euastrum 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.