

DEP Algal Taxonomy Summary Report

Date Reported: 04/09/2021

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2021-04-12-59

Collector: Katie March, Victoria Schwartz

Event ID: WQAP-2021-04-09-02

Date Collected: 4/8/2021 11:40:00 AM

LIMS Sample ID: 2238197

Date Received: 4/9/2021 9:50:00 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: Rachael Dragon

Sample Notes: The sample water was clear. An abundance of mixed algae taxa were present.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

<i>Tetraedron gracile</i>
<i>Ankistrodesmus</i> sp.
<i>Pediastrum</i> sp.
<i>Pediastrum duplex</i>
<i>Scenedesmus acuminatus</i>
<i>Scenedesmus quadricauda</i>
<i>Scenedesmus bicaudatus</i>
<i>Crucigenia rectangularis</i>
<i>Selenastrum</i> 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.