

DEP Algal Taxonomy Summary Report

Date Reported: 02/10/2020
Request ID: RQ-2020-02-03-83
Event ID: WQAP-2020-02-10-01
LIMS Sample ID: 2156075
Analysis: BLOOM-ID
Site Location: Tiger Lake- NW Lobe
Field ID: HAB-SW-0005

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: M. Bearden
Date Collected: 2/6/2020 9:45:00 AM
Date Received: 2/10/2020 9:20:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Rachael Dragon

Sample Notes: The sample water was clear.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Coelosphaerium</i> sp.	
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis</i> sp.	Undetermined
<i>Microcystis wessenbergii</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Tetraedron gracile
Ankistrodesmus falcatus
Kirchneriella sp.
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus dimorphus
Staurastrum sp.
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.