

DEP Algal Taxonomy Summary Report

Date Reported: 22-SEP-2021

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

Request ID: RQ-2021-09-06-61

Collector: Mike Linger, Mike Drennan

Event ID: WQAP-2021-09-17-02

Date Collected: 9/15/2021 11:08:00 AM

LIMS Sample ID: 2276345

Date Received: 9/17/2021 10:22:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Cypress Lake - West Lobe

Sample Preservation: ICE

Field ID: HABOC0005_CypressLake

Analyst: Isaura Lorenzo-Perez

Sample Notes: The dominant taxon was Planktolyngbya limnetica.

The water was clear. The algae appeared alive and healthy.

Result: The dominant taxon was Planktolyngbya limnetica.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Pseudanabaena sp.</i>	Undetermined	
<i>Pseudanabaena mucicola</i>	Yes	
<i>Planktolyngbya limnetica</i>		
Chlorophyceae		
<i>Tetraedron minimum</i>		
<i>Ankistrodesmus falcatus</i>		
<i>Crucigenia tetrapedia</i>		
<i>Staurastrum sp.</i>		
Dinophyceae		
<i>Peridinium sp.</i>		

* 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.