

DEP Algal Taxonomy Summary Report

Date Reported: 5/17/2017
Request ID: RQ-2017-03-20-26
Event ID: WQAP-2017-05-11-04
LIMS Sample ID: 1898571
Analysis: BLOOM-ID
Site Location: PEACR RIVER
Field ID: PEACE @ 60

Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Collector: M.BEARDEN
Date Collected: 5/10/2017 10:35:00 AM
Date Received: 5/11/2017 9:50:00 AM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was cloudy. Algae appeared alive and healthy.

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

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Merismopedia tenuissima</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Spirulina</i> sp.	
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Tetraedron trigonum gracile
Ankistrodesmus falcatus
Kirchneriella sp.
Planktosphaeria gelatinosa
Pediastrum duplex
Pediastrum tetras
Sorastrum sp.
Sorastrum americanum
Scenedesmus acuminatus
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus dimorphus

* 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.