

DEP Algal Taxonomy Summary Report

Date Reported: 5/17/2017
Request ID: RQ-2017-05-08-76
Event ID: WQAP-2017-05-12-02
LIMS Sample ID: 1898992
Analysis: ALGAL_ID
Site Location: Lake Kinsale
Field ID: KINSAI_02222017

Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Collector: Curtis Musson, Ben Ralys
Date Collected: 5/12/2017 11:10:00 AM
Date Received: 5/12/2017 12:30:00 PM
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was light green in color. Algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Dolichospermum circinale*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Coelosphaerium dubium</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Planktolyngbya contorta</i>	

Chlorophyceae

Chlamydomonas sp.
Eudorina elegans
Tetraedron gracile
Oocystis sp.
Sorastrum sp.
Staurostrum sp.

Euglenophyceae

Trachelomonas sp.

Dinophyceae

Ceratium 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.