

DEP Algal Taxonomy Summary Report

Date Reported: 06/01/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-05-29-52 Collector: Jeremy Parrish
Event ID: NE-DIST-2017-05-31-01 Date Collected: 5/30/2017 9:50:00 AM
LIMS Sample ID: 1902229 Date Received: 5/31/2017 9:25:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Doctors Lake Echo Boy Scout Sample Preservation: None
Field ID: G2NE1142 Analyst: Rachael Dragon
Sample Notes: The sample was clear with very few green specks. Diatoms were abundant.

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>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Volvox sp.
Oocystis sp.
Pediastrum tetras
Scenedesmus quadricauda

* 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.