

DEP Algal Taxonomy Summary Report

Date Reported: 9/26/2018

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-09-24-65

Collector: Dylan Horning

Event ID: SW-DIST-2018-09-25-01

Date Collected: 9/24/2018 9:54:00 AM

LIMS Sample ID: 2027925

Date Received: 9/25/2018 9:35:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Eva Bloom

Sample Preservation: ICE

Field ID: EVA BLOOM

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Planktolyngbya limnetica*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Chroococcus</i> sp.	Undetermined
<i>Rhabdogloea</i> sp.	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Aphanizomenon</i> sp.	Undetermined
<i>Pseudanabaena mucicola</i>	Yes
<i>Pseudanabaena limnetica</i>	Yes
<i>Planktolyngbya limnetica</i>	
<i>Glaucospira</i> sp.	

Chlorophyceae

Ankistrodesmus falcatus

Dinophyceae

Glenodinium sp.
Peridinium 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.