

DEP Algal Taxonomy Summary Report

Date Reported: 6/7/2017	Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-05-29-51	Collector: ROSEMARY MURPHY/CHASE CONLEY
Event ID: WQAP-2017-06-06-05	Date Collected: 6/5/2017 10:25:00 AM
LIMS Sample ID: 1903667	Date Received: 6/6/2017 9:45:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: ALVA BOAT RAMP	Sample Preservation: ICE
Field ID: ALVA BOAT RAMP	Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was mostly clear with some specks present. A few diatoms, <i>Aulacoseira granulata</i> and <i>Nitzschia</i> sp., were present. Algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Anabaena</i> sp.	Undetermined
<i>Cylindrospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Oscillatoria granulata</i>	
<i>Pseudanabaena</i> sp.	Undetermined
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Eudorina elegans
Ankistrodesmus falcatus

* 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.