

DEP Algal Taxonomy Summary Report

Date Reported: 6/27/2018	Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2018-01-22-28	Collector: Chase Conley
Event ID: WQAP-2018-06-26-01	Date Collected: 6/25/2018 2:45:00 PM
LIMS Sample ID: 2003254	Date Received: 6/26/2018 10:00:00
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: ALVA BRIDGE	Sample Preservation: ICE
Field ID: ALVA BRIDGE	Analyst: Isaura Lorenzo-Perez
Sample Notes: Green specks were visible in the sample. Diatoms belonging to the Genera <i>Nitzschia</i> sp., <i>Aulacoseira</i> sp., <i>Cyclotella</i> sp., and <i>Coscinodiscus</i> sp. were present. The algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Aphanocapsa</i> sp.	Undetermined
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Romeria</i> sp.	

Chlorophyceae

Eudorina elegans
Monoraphidium sp.
Monoraphidium arcuatum
Dictyosphaerium pulchellum
Scenedesmus quadricauda
Scenedesmus opoliensis
Gloeocystis sp.
Closterium sp.
Koliella sp.

Dinophyceae

Glenodinium 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.