

DEP Algal Taxonomy Summary Report

Date Reported: 07/13/2017	Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-06-12-30	Collector: Robert Wiwi, Ben Ralys
Event ID: WQAP-2017-07-10-07	Date Collected: 7/10/2017 12:50:00 PM
LIMS Sample ID: 1911973	Date Received: 7/10/2017 4:05:00 PM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Killarney Mid	Sample Preservation: ICE
Field ID: Killarney-algal-sample-2	Analyst: Rachael Dragon
Sample Notes: The sample water was clear. The algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Coelomoron pusillum</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Pseudanabaena mucicola</i>	Yes
<i>Jaaginema sp.</i>	

Chlorophyceae

Eudorina elegans
Pediastrum tetras
Actinastrum hantzschii
Scenedesmus quadricauda
Scenedesmus bijuga
Staurastrum sp.
Cosmarium 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.