

# 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-2017-06-05-44      Collector: Robert Wiwi, Ben Ralys  
Event ID: WQAP-2017-07-10-04      Date Collected: 7/10/2017 2:30:00 PM  
LIMS Sample ID: 1911953      Date Received: 7/10/2017 4:05:00 PM  
Analysis: BLOOM-ID      Sample Container: Plastic Tube 50 mL  
Site Location: Canal Between Kanturk and Killarney      Sample Preservation: ICE  
Field ID: Algal Sample between Lakes      Analyst: Rachael Dragon  
Sample Notes: The sample water was clear. The algae appeared alive and healthy.

**Result:** There was no clear dominant taxon in the sample.

**Other Taxa Present:**      **Toxin Potential \***

## Cyanophyceae

|                                    |              |
|------------------------------------|--------------|
| <i>Rhabdogloea</i> sp.             |              |
| <i>Aphanocapsa</i> sp.             | Undetermined |
| <i>Microcystis aeruginosa</i>      | Yes          |
| <i>Dolichospermum circinale</i>    | Yes          |
| <i>Dolichospermum planctonicum</i> | Undetermined |
| <i>Pseudanabaena mucicola</i>      | Yes          |
| <i>Geitlerinema</i> sp.            |              |

## Chrysophyceae

*Mallomonas* sp.

## Chlorophyceae

*Eudorina elegans*  
*Ankistrodesmus falcatus*  
*Botryococcus braunii*

\* 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.