

FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 6/16/2016
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-06-13-47
Event ID: WQAP-2016-06-15-02
Sample ID: 1808496
Analysis: ALGAL_ID
Collector: CURTIS MUSSON/BEN RALYS
Site Location: MERRITTS MILL POND METERS DOWNSTREAM OF JACKSON BLUE SPRING
Field ID: G2WA007
Date Collected: 6/15/2016 9:45
Date Received: 6/15/2016 16:16
Sample container: 50 ml plastic tube
Sample preservation: None
Analyst(s): Isaura Lorenzo-Perez
Sample notes: The sample contained a large algal mat in water, along with a benthic, attached diatoms, *Cocconeis placentula*, *Cymbella* sp., and Fragilariaceae. Algae appeared alive and healthy.

Result:	Class	Toxin potential *
The dominant taxon was: <i>Spirogyra</i> sp.	Class Chlorophyceae	-
Other taxa present:		
<i>Geitlerinema acutissimum</i>	Class Cyanophyceae	yes
<i>Oscillatoria limosa</i>	Class Cyanophyceae	yes

* Information based on literature searches and personal communications; 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.