

FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 3/16/2016
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-03-14-50
Event ID: WQAP-2016-03-15-01
Sample ID: 1780044
Analysis: ALGAL_ID
Collector: BENJAMIN RALYS
Site Location: MERRITTS MILL POND 600 METERS DOWNSTREAM OF JACKSON BLUE SPRING
Field ID: G2WA0007
Date Collected: 3/15/2016 9:50
Date Received: 3/15/2016 14:10
Sample container: 50 ml plastic tube
Sample preservation: None
Analyst(s): isaura Lorenzo-Perez and Maosen Hua
Sample notes: The sample contained a large algal mat in water. Algae appeared alive and healthy.

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

* 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.