

FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 2/23/2016
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-02-22-66
Event ID: WQAP-2016-02-23-03
Sample ID: 1774005
Analysis: ALGAL_ID
Collector: BENJAMIN RAYIS/CURTIS MUSSON
Site Location: MEGGINNIS ARM RUN AT MERIIDIAN WOODS DRIVE WAY
Field ID: G1WA0009
Date Collected: 2/23/2016 13:30
Date Received: 2/23/2016 15:17
Sample container: 50 ml plastic tube
Sample preservation: None
Analyst(s): Maosen Hua
Sample notes: The sample contained a piece of algal mat in water. Algae appeared alive and healthy.

Result:	Class	Toxin potential *
The dominant taxon was:		
<i>Mougeotia</i> sp.	Class Chlorophyceae	-
Other taxa present:		
<i>Oedogonium</i> sp.	Class Chlorophyceae	-
<i>Spirogyra</i> sp.	Class Chlorophyceae	-
<i>Anabaena</i> sp.	Class Cyanophyceae	undetermined
<i>Pseudanabaena</i> sp.	Class Cyanophyceae	undetermined
<i>Oscillatoria</i> sp.	Class Cyanophyceae	undetermined
<i>Jaaginema gracile</i>	Class Cyanophyceae	-

* 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.