

FDEP Algal Taxonomy Summary Report

Date Reported: 11/22/2016 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-02-29-49 Collector: KATIE WILLIAMS
Event ID: CEN-DIST-2016-11-17-01 Date Collected: 11/16/2016 12:30:00
LIMS Sample ID: 1850878 Date Received: 11/17/2016 10:33:00
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: BUGG SPRING RUN @ 475M UPSTREAM Sample Preservation: ICE
Field ID: G1CE0037 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water. The benthic, attached diatoms, *Terpsinoe musica*, *Melosira* sp., and *Eunotia* sp., were present.

Result: The dominant taxon was *Plectonema wollei*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Johannesbaptistia pellucida</i>	
<i>Oscillatoria</i> sp.	Undetermined
<i>Oscillatoria granulata</i>	
<i>Plectonema wollei</i>	Yes
<i>Heteroleibleinia kuetzingii</i>	
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

Cladophora sp.
Mougeotia sp.
Zygnema sp.
Cosmarium sp.
Oedogonium sp.
Microspora 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.