

FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 5/25/2016
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-05-23-56
Event ID: CEN-DIST-2016-05-25-01
Sample ID: 1801818
Analysis: ALGAL_ID
Collector: M.Linger ,M.Drennan,Leif Boman
Site Location: Shady Brook @ 2400m US of US 301
Field ID: G1CE0021
Date Collected: 5/24/2016 11:02
Date Received: 5/25/2016 10:00
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. A few of disintegrated filaments of *Vaucheria* sp. was observed in the sample.

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