FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date:	3/4/2016
Report sent by:	Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID:	RQ-2016-02-29-50
Event ID:	CEN-DIST-2016-03-04-01
Sample ID:	1777101
Analysis:	ALGAL_ID
Collector:	MIKE LINGER, MIKE DRENNAN
Site Location:	WILSON HEAD SPRINGS @ 20M E. OF BOIL
Field ID:	G4CE0098
Date Collected:	3/2/2016 12:00
Date Received:	3/4/2016 9:10
Sample container:	50 ml plastic tube
Sample preservation:	None
Analyst(s):	Maosen Hua
Sample notes:	The sample contained a large algal mat in water. Algae appeared alive and healthy.

Result:	**Class**	**Toxin potential ***
The co-dominant taxa were:		
Plectonema wollei (aka *Lyngbya wollei*)	Class Cyanophyceae	yes
Vaucheria sp.	Class Xanthophyceae	-
Other taxa present:		
Oscillatoria limosa	Class Cyanophyceae	yes
Oscillatoria sp.	Class Cyanophyceae	undetermined
Phormidium sp.	Class Cyanophyceae	undetermined
Heteroleibleinia sp.	Class Cyanophyceae	-
Leibleinia epiphytica	Class Cyanophyceae	-
Pseudanabaena sp.	Class Cyanophyceae	undetermined
Spirogyra sp.	Class Chlorophyceae	-
Oedogonium sp.	Class Chlorophyceae	-

* 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.