

FDEP Bureau of Laboratories, Biology Section, Algal Taxonomy Summary Report

Report Date: 6/25/2015
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2015-06-15-59
Event ID: BSSP-2015-06-25-01
Sample ID: 1714384
Analysis: ALGAL_ID
Collector: Joy Jackson
Site Location: Steinhatchee River at Cannal Road
Field ID: Stein canal
Date Collected: 6/24/2015 10:40
Date Received: 6/25/2015 9:06
Sample container: plastic bag
Sample preservation: none
Analyst(s): Maosen Hua
Sample notes: The sample contained a large algal mat in water.

Result:	Class	Toxin potential *
The dominant taxon was: <i>Spirogyra fluviatilis</i>	Class Chlorophyceae	-
Other taxa present:		
<i>Spirogyra crassa</i>	Class Chlorophyceae	-
<i>Spirogyra dubia</i>	Class Chlorophyceae	-
<i>Oedogonium</i> sp.	Class Chlorophyceae	-
<i>Rhizoclonium hieroglyphicum</i>	Class Chlorophyceae	-
<i>Rhizoclonium</i> sp.	Class Chlorophyceae	-
<i>Closterium</i> sp.	Class Chlorophyceae	-
<i>Planktolyngbya</i> sp.	Class Cyanophyceae	-
<i>Jaaginema gracile</i>	Class Cyanophyceae	-
<i>Anabaena</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.