

FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 1/28/2016
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-01-25-11
Event ID: CEN-DIST-2016-01-28-01
Sample ID: 1766215
Analysis: ALGAL_ID
Collector: MIKE DRENNAN
Site Location: CATFISH CREEK @ 450M DS OF LAKE PIERCE
Field ID: G4CE0086
Date Collected: 1/27/2016 12:00
Date Received: 1/28/2016 9:05
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 dominant taxon was: <i>Spirogyra</i> sp.	Class Chlorophyceae	-
Other taxa present:		
<i>Pseudanabaena</i> sp.	Class Cyanophyceae	undetermined
<i>Planktolyngbya contorta</i>	Class Cyanophyceae	-
<i>Oscillatoria</i> sp.	Class Cyanophyceae	undetermined
<i>Geitlerinema acutissimum</i>	Class Cyanophyceae	yes
<i>Oedogonium</i> sp.	Class Cyanophyceae	-
<i>Mougeotia</i> sp.	Class Cyanophyceae	-
<i>Zygnema</i> sp.	Class Cyanophyceae	-
<i>Ankistrodesmus falcatus</i>	Class Chlorophyceae	-
<i>Characium rostratum</i>	Class Chlorophyceae	-
<i>Scenedesmus quadricauda</i>	Class Chlorophyceae	-
<i>Scenedesmus bijuga</i>	Class Chlorophyceae	-
<i>Coelastrum microporum</i>	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.