

DEP Algal Taxonomy Summary Report

Date Reported: 3/23/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-01-30-55 Collector: Mike Linger, Lawrence Drennan
Event ID: CEN-DIST-2017-03-16-02 Date Collected: 3/15/2017 1:29:00 PM
LIMS Sample ID: 1880499 Date Received: 3/16/2017 9:37:00 AM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Sand Creek @ 100m US of CR 415 Sample Preservation: ICE
Field ID: G5CE0094 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large mat in water. The filaments of *Vaucheria* sp. were disintegrated.

Result: The dominant taxon was *Geitlerinema acutissimum*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Gloeotrichia</i> sp.	
<i>Oscillatoria</i> sp.	Undetermined
<i>Phormidium</i> sp.	Undetermined
<i>Geitlerinema acutissimum</i>	Yes

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Mougeotia sp.
Pleurotaenium sp.
Oedogonium sp.

Rhodophyceae

Compsopogon coeruleus

* 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.