

FDEP Algal Taxonomy Summary Report

Date Reported: 08/18/2016
Request ID: RQ-2016-07-11-47
Event ID: WQAP-2016-08-09-01
LIMS Sample ID: 1822770
Analysis: ALGAL_ID
Site Location: OWENS SPRING
Field ID: G1TLHR0036

Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Collector: ECKLES/GREEN
Date Collected: 8/9/2016 1:20:00 PM
Date Received: 8/9/2016 3:21:00 PM
Sample Container: Plastic Tube 50 mL
Sample Preservation: None
Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water, along with benthic attached diatoms, *Aulacoseira granulate*, *Navicula* sp., *Eunotia* sp. and Fragilariaceae. Algae appeared alive and healthy.

Result: The dominant taxon was *Vaucheria* sp.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Oscillatoria</i> sp.	Undetermined
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Xanthophyceae

Vaucheria sp.

Chlorophyceae

Spirogyra sp.

Closterium sp.

* 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.